

A HAND-LIST OF THE SNAKES OF THE
INDIAN EMPIRE.

By

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COLONEL, I.M.S.

PART II.

(Continued from page 361 of this volume.)

Family.—COLUBRIDÆ.

Subfamily.—ACROCHORDINÆ.

Genus.—CHERSYDRUS Cuvier.

72. (443) **Chersydrus granulatus** (Schneider). *The Rasp-skinned Water Snake*.
Annandale, J. A. S., Beng., 1905, p 175; Mem. Ind. Mus. 1915, p 169, Boulenger, Cat. Vol. I, 1893, p 174; l. c. Vol. III, 1896, p 597; Ferguson, Bomb. N. H. J. Vol. XIV, p 386; Sarasin, Zool. Jahr. Jena. 1910, p 131; Sclater, List. Sn. Ind. Mus. 1891, p 45; Wall, Bomb. N. H. J. Vol. XXIII, p 372; l. c. Vol. XXV, p 756a; l. c. Vol. XXVI, pp 583 and 584; Oph. Tap. 1921, p 79.
Length.—1,220 mm. (4 feet).
Distn.—*Coasts of India.* From Bombay on the Malabar Coast, and Hijili (Ind. Mus.) on the Coromandel Coast to Tuticorin. *Ceylon. Coast of Burma. Andamans. Coasts of Malay Peninsula to Cochin-China. Malay Archipelago. Papuaia.*
Genus.—STOLICZKAIA Jerdon.
73. (442) **Stoliczkaia khasiensis** Jerdon. *Stoliczka's Snake*.
Annandale, J. A. S. Beng. 1904, p 209; Boulenger, Cat. Vol. I, 1893, p 176.
Length.—809 mm. (2 feet, $7\frac{7}{8}$ inches).
Lepid.—Frontal partially divided anteriorly by mesial suture. Postoculars 3. Supralabials 8; the 4th and 5th touching the eye on the left side, 5th and 6th on the right*. Costals, 31 to 33 about midbody. (In the "type" I count 31 about midbody). Ventrals. 209 to 210. Subcaudals. 115 to 117.
Distn.—*Assam. Khasi Hills. (Nr. Shillong. Ind Mus.)*
Subfamily.—COLUBRINÆ.
Genus.—POLYODONTOPHIS Boulenger.
74. (363) **Polyodontophis collaris** (Gray). *Gray's Polyodont*.
Annandale, Rec. Ind. Mus. 1912, pp 37, 46 and 53; Boulenger, Cat. Vol. I, 1893, p 184; l. c. Vol. III, 1896, p 597; Sclater, List. Sn. Ind. Mus. 1891, p 17; Wall, Bomb. N. H. J. Vol. XVIII, p 315, l. c. Vol. XIX, pp 340 and 757a.
Distn.—*Western Himalayas.* As far West as Simla. *Eastern Himalayas.* As far East as Sikkim. *Bengal. Calcutta. (Ind. Mus.) Assam. Hills North and South of the Bramaputra. Burma. As far North as Sima. (Lat. 25.2° Long. 97° Bombay colln.) South to Arakan Hills and Pegu Yomas. Siam. North of Kra (Malcolm Smith). China. Yunnan. Ichang. Fokien Prov. Formosa.*
Note.—Improbable as Calcutta may appear for this hill species, I have it on Dr. Annandale's authority that an example was indubitably acquired there, which I have examined. It was probably washed down by floods.

* In the specimen in the Indian Museum.

75. (364) **Polyodontophis subpunctatus** (Dumeril and Bibron). *Jerdon's Polyodont.*

Oligodon subpunctatus. Vidal, *Bomb. N. H. J. Vol. I, p 144.*
Polyodontophis subpunctatus. Abercromby, *Sn. of Ceylon. 1910,*
p 71; Boulenger, Cat. Vol. I, 1893, p 186; l. c. Vol. III, 1896,
p 598; Ferguson, Bomb. N. H. J. Vol. X, p 71; Sarasin, Zool. Jahr.
Jena. 1910, p 130; Sclater, List. Sn. Ind. Mus. 1891, p 17 (part,
All except No 7073); Wall, Bomb. N. H. J. Vol. XVI, p 297; l. c.
Vol. XVII, p 823; Spol. Zeylan. 1921, pp 397 and 406; Oph. Tap.
1921, p 84; Willey, Spol. Zeylan. 1906, p 233.

Lepid.—Ventrals. 151 to 214.

Distn.—Ceylon. *Peninsular India.* South of Rajputana, and South of the Ganges Valley.

Note.—In the Bombay Natural History Journal (Vol. XVII, p 823) I referred to a specimen, that appeared to unite the characters of *subpunctatus* and *sagittarius*, and which suggested the union of the two species under the latter and older name. I am now in a position to show that the two species previously held as such are both valid, and that the specimen referred to is an aberrant *subpunctatus*. This view is based on skulls in my collection. The dentition is as follows:—*subpunctatus*. Maxillary 44 to 45. Palatine 23 to 24. Pterygoid 21. Mandibular 40.—*sagittarius*. Maxillary 32. Palatine 14 to 16. Pterygoid 13. Mandibular 30.

The specimen referred to was probably from the Northern part of the Western Ghats as it was preserved in the same bottle as a *Lycodon flavomaculatus*, which has a very restricted distribution (*q. v.*)

76. (365) **Polyodontophis sagittarius** (Cantor.) *Cantor's Polyodont.*

P. subpunctatus. Sclater, *List. Sn. Ind. Mus. 1891, p 17 (part No 7073).*

P. sagittarius. Annandale, *J. A. S., Beng., 1905, p 175; Boulenger, Cat. Vol. I, 1893, p 187; l. c. Vol. III, 1896, p 598; Sarasin, Zool. Jahr. Jena. 1910, p 146; Sclater, List. Sn. Ind. Mus. 1891, p 17; Wall, Bomb. N. H. J. Vol. XVII, p 823.*

Length.—292 mm. (11½ inches).

Lepid.—Ventrals. 205 to 236. Subcaudals. 54 to 70.

Distn.—Western *Himalayas*. As far West as Chamba. Sewaliks, North of Saharanpore. (F. W.) Dhikala, Garhwal Dist. Melaghat, Almora Dist. (Ind. Mus.). *The Ganges Basin*. Nowgong, C. P. Darbhanga. Purnea. Dinajpore. (Ind. Mus.). Bettiah, Behar. (Bombay colln.) Lower Bengal. Manbhum. Chaibasa. Serampore. Calcutta. (Ind. Mus.)

Note.—Perang as a locality calls for confirmation. The note appended to *Typhlops bothriorhynchus* shows that some of Cantor's localities are open to doubt. De Roepstorff's specimen in the Indian Museum, labelled Nicobars, is undoubtedly correctly identified. I feel justified however in raising the strongest doubt as to the authenticity of the locality for this species. The fact that de Roepstorff is also alone responsible for the Nicobars as a locality for *Oligodon sublineatus*, and *Amblycephalus monticola* strengthens the justification for doubt. Both *Polyodontophis sagittarius*, and *Amblycephalus monticola* are known from Northern India, but not from Assam or Burma, and the record of the Nicobars for the species must have perplexed other herpetologists as much as it has done me. *Oligodon sublineatus* known only from Ceylon with the exception of de Roepstorff's record from the Nicobars, is equally surprising.

Nearly every keen herpetologist has snakes sent to him by friends from distant parts of the Empire, and it is not surprising if these exotics sometimes get mixed with those collected from the locality where he is domiciled. In these cases the common species with which he is familiar are probably discarded and only the uncommon species retained. If all the species so acquired were retained the mixing would probably be discovered by future herpetologists at once.

77. (366) *Polyodontophis bistrigatus* (Günther) *Günther's. Polyodont.*

Ammandale, J. A. S., Beng., 1905, p. 175; Boulenger, Cat. Vol. I, 1893, p. 188; Sclater, List. Sn. Ind. Mus. 1891, p. 18.

Distn.—Burma. Prome. Pegu. Nicobars.

Note.—De Roepstorff's specimen labelled Nicobars is correctly identified, but the doubts I have raised in the note appended to *P. sagittarius* makes confirmation of the Nicobars as a locality desirable.

Genus.—*XENOCHROPHIS* Günther.

78. (441) *Xenochrophis cerasogaster* (Cantor.) *The Painted Keelback.*

Boulenger, Cat. Vol. I, 1893, p. 191; Sarasin, Zool. Jahr. Jena. 1910, p. 146; Sclater, List. Sn. Ind. Mus. 1891, p. 45; Wall, Bomb. N. H. J. Vol. XVIII, p. 104.

Length.—775 mm. (2 feet, 6½ inches).

Lepid.—Ventrals. 140 to 154.

Distn.—*Ganges Valley. Fyzabad (F. W.) Bengal. Purnea. (Ind. Mus.) Assam. Goalpara. (Ind. Mus.) Khasi Hills. (Brit. Mus.)*

Note.—Penang on the authority of Cantor I doubt for reasons cited in the note appended to *Typhlops bothriorhynchus*.

Genus.—*NATRIX* Laurenti.

1768. *Natrix. Laurenti, Syn. Rept. p. 73 [type N. vulgaris = Natrix natrix (Linné).]*

1826. *Tropidonotus. Boie., part, Isis. p. 205 [type N. natrix (Linné).]*

1842. *Leptophis. Holbrook, N. Am. Herp. IV, p. 21, pl. IV [type ? L. sauritus = N. saurita (Linné).]*

1853. *Eutainia. Baird & Girard, [type E. saurita = N. saurita (Linné).]*

1858. *Coronella. (non Laurenti, 1768) Günther, Cat. p. 39.*

1860. *Thamnophis. Cope, Proc. Ac. Philad., p. 369 (type N. scalaris).*

1861. *Mizodon. Peters, Mon. Berl. Acad., p. 358 (type N. variegatus).*

1863. *Styporhynchus. Peters, Mon. Berl. Ac., p. 399 (type N. truncatus).*

1875. *Chilopoma. Cope, Wheeler's Rep. V. S. Ex. Surv., p. 544 (type N. rufopunctatus).*

1877. *Katophis. Macleay, Proc. Linn. Soc. N. S. Wales II, p. 36 (type N. picturatus).*

1883. *Atomarchus. Cope, Amer. Nat., p. 1300 (type N. multimaculatus).*

1893. *Prymniodon. (non Cope, 1860). Boulenger, Cat. Vol. I, 1893, p. 192.*

79. (*Nil.*) *Natrix peali* (Sclater.) *Peal's Keelback.*

Boulenger, Cat. Vol. I, 1893, p. 214; Sclater, List. Sn. Ind. Mus. 1891, p. 41.

Types.—In the Indian Museum. From Assam.

Distn.—*Assam. Sibsagar.*

80. (427) *Natrix parallelus* (Boulenger.) *Anderson's Keelback*.
Boulenger, Cat. Vol. I, 1893, p 223; *Rec. Ind. Mus.* 1913, p 337; *Sclater, List. Sn. Ind. Mus.* 1891, p 37; *Wall, Bomb. N. H. J. Vol. XVIII*, p 223; *l.c. Vol. XIX*, p 340.
Length.—712 mm. (2 feet, 4 inches).
Lepid.—Ventrals. 162 to 175. Subcaudals. 73 to 110.
Distn.—*Eastern Himalayas*. Nepal to Sikkim. *Assam*. Khasi Hills. *Burma*. Sanda. *China*. Yunnan.
Note.—The locality of No 4397 of Sclater's list of snakes in the Indian Museum reported as "Madras Hills" by Colonel Beddome is to be discredited. The same authority records also *Tropidonotus subminiatus*, *T. himalayanus*, *Oligodon splendidus*, *O. octolineatus*, *Dendrelaphis caudolineatus*, and *Lycodon jara*, from Hills in South India. These records are equally untrustworthy as regards habitat.
81. (425) *Natrix khasiensis* (Boulenger.) *The Assam Keelback*.
Annandale, J. A. S., Beng., 1905, p 210; *Rec. Ind. Mus.* 1912, pp 37, 49 and 53; *Boulenger, Cat. Vol. I*, 1893, p 223; *Wall, Bomb. N. H. J. Vol. XVIII*, p 317.
Length.—673 mm. (2 feet, 2 $\frac{5}{8}$ inches).
Lepid.—Ventrals. 143 to 155. Subcaudals. 73 to 100.
Distn.—*Assam*. Abor Hills. (Ind. Mus.) Khasi Hills. Garo Hills. (Ind. Mus.)
82. (Nil.) *Natrix rianguligerus* (Boie.) *Boie's Keelback*.
Boulenger, Cat. Vol. I, 1893, p 224; *l. c. Vol. III*, 1896, p 604; *Sclater, List. Sn. Ind. Mus.* 1891, p 42.
Lepid.—Ventrals. 134 to 150.
Distn.—*Burma*. Tenasserim. *Siam*. The Peninsula. *S. China*. Tschonglok. (Muller). *Malay Peninsula*. *Malay Archipelago*. Sumatra to Celebes.
83. (Nil.) *Natrix venningi* (Wall.) *Venning's Keelback*.
Venning, Bomb. N. H. J. Vol. XX, p 774; *Wall, Bomb. N. H. J. Vol. XX*, p 345.
Type.—In the British Museum from the Chin Hills, Burma. Co-types in the Bombay colln.
Length.—750 mm. (2 feet, 5 $\frac{1}{2}$ inches).
Lepid.—Costals. 19 at midbody, 17 behind. Ventrals. 161 to 172. Subcaudals. 108 to 138.
Distn.—*Burma*. Chin Hills.
Note.—I have examined ten specimens.
84. (Nil.) *Natrix xenurus* (Wall) *Wall's Keelback*.
T. modestus. *Sclater, List. Sn. Ind. Mus.* 1891, p 36. (part, No 4278).
T. xenura. *Wall, Bomb. N. H. J. Vol. XVII*, p 616; *Rec. Ind. Mus.* 1909, p 145.
Type.—In the Bombay collection from Khasi Hills.
Lepid.—Costals. 19 at midbody, 17 behind. Ventrals. 158 to 165. Anal. divided. (entire (?) in the type). Subcaudals. 81 to 107; entire.
Distn.—*Assam*. Khasi Hills. (Near Shillong. Cherrapunji.)
85. (Nil.) *Natrix nicobariensis* (Sclater.) *Sclater's Keelback*.
Prymniodon chalceus. *Boulenger, Cat. Vol. I*, 1893, p 192.
T. nicobariensis. *Annandale, J. A. S., Beng.*, 1905, pp 174 and 175; *Sclater, List. Sn. Ind. Mus.* 1891, p 42.

Type.—In the Indian Museum, (No 8895) from the Nicobars.

Lepid.—Costals. 19 in midbody, 17 behind. The anal shield appears to me to have been entire, and the division now seen traumatic, as already suggested by Annandale.

Distn.—*Nicobar Islands*.

Note.—I have examined the maxillary dentition and find there is no gap posteriorly, and that the posterior teeth are distinctly enlarged. It appears to me without doubt a *Natrix*.

86. (Nil) *Natrix leonardi* (Wall). *Leonard's Keelback*.

N. leonardi Wall. *Bomb. N. H. J. Vol. XXI, p 466*.

Type.—In the British Museum from Burma.

Length.—660 mm. (2 feet, 2 inches).

Lepid.—Costals. 17 in midbody, 15 behind. Ventrals. 152. Anal divided. Subcaudals. 46, divided.

Distn.—*Burma*. Sinlum Kaba. (Lat. 24° Long 97°5')

FOOTNOTE.

Natrix baileyi (Wall.) *Bailey's Keelback*.

Wall, *Bomb. N. H. J. Vol XVII, p 617*.

Types.—In the British Museum from Thibet.

Length.—762 mm. (2 feet, 6 inches).

Lepid.—Costals. 19 at midbody, 17 behind. Ventrals. 201 to 221. Anal. Divided. Subcaudals. 98 to 111 (? 91) divided; some of those at the base frequently entire.

Distn.—*Thibet*. At about 14,000 feet elevation. *

Note.—Strictly speaking, this is not a species within the political boundaries of British India, but it is convenient to include it in this paper. I have examined the maxillary dentition of one specimen and find it accords with that of the genus *Natrix*. The teeth number 21 (? 22) are syncranterian, and coryphodont.

Genus.—*NERODIA* Baird and Girard.

1766 Coluber. Linné, *part. Syst. Nat. I, p 378* (type *C. berus*).

1768 Coronella. Laurenti, *part. Syn. Rept., p 87* (type *C. austriaca*).

1799 Hydrus. Schneider, *part. Hist. Amph. I, p 247* [type *H. bicolor* = *H. platurus* (Linné)]

1816 Enhydrus. (non Latreille 1802.) Oken, *Lehrb. Naturg III, p 232*.

1824 *Natrix*. (non Laurenti 1768.) Wagler, *Serp. Bras., p 29, pl X, fig 2*.

1826 Tropicodonotus. Boie, *part. Isis, p 205*. [type *N. natrix* (Linné)].

1853 *Nerodia*. Baird and Girard, *N. Amer. Rept., p 38* [type *N. sipedon* = *N. fasciata* (Linné)]

1853 *Regina*. Baird and Girard, *N. Amer. Rept., p 45* [type *N. leberis* = *N. septemvittata* (Say)]

1860 *Amphiesma*. (non Dum and Bibron, 1854.) Hallowell, *Proc. Ac. Philad, p 503*.

1863 *Neusterophis*. Günther, *Proc. Zool. Soc., p 16* (type *N. laevissima*).

1863 *Enicognathus*. Jan. Arch. Zool. Anat. Phys. II, p 278 [type *N. punctatostriatatus* = *N. olivacea* (Peters).]

1865 *Helicops*. (non Wagler, 1828.) Jan. Arch. Zool. Annat. Phys. III, p 246.

1868 *Fowlea*. Theobald, *Cat. Rept. As. Soc. Mus. p 57* [type *N. peguensis* = *N. punctulata* (Günther)]

1871 *Contia*. (non Baird and Girard, 1853.) Cope, *Proc. Ac. Philad, p 223*.

1885 *Eutaenia*. (non Baird and Girard, 1853.) Cope, *Proc. Ac. Philad. XXII, p 386*.

- 1893 *Diplophallus*. Cope, *Amer. Nat.* XXVII, p 483 [*type N. piscator* (Schneider)]
 1898 *Grayia*. Scater, *Ann. S. Afric. Mus.* I, p 109 [*type G. lubrica* = *N. laevis* (Günther)]
 1893 *Ceratophyllus*. Cope, *Amer. Nat.* XXVII, May, p 483 [*type R. vittata* (Linné).]
 1905 *Macropisthodon*. (non Boulenger, 1893.) Annandale, *J. A. S., Beng.*, p 210.

87. (438) *Nerodia punctulata* (Günther.) *The Burmese Keelback.*

Tropidonotus punctulatus. Boulenger, *Cat. Vol. I*, 1893, p 228 : "Keswal," *Bomb. N. H. J. Vol. I*, p 173 ; Sclater, *List. Sn. Ind. Mus.* 1891, p 41 ; Wall and Evans, *Bomb. N. H. J. Vol. XIII*, p. 351.

Lepid.—Ventrals. 138 to 154.

Distn.—Lower Burma Pegu. (Brit. Mus.) Watiya. (W. and Evans.) Rangoon. Amherst. (Ind. Mus.) Tenasserim. (Mergui. Ind. Mus.)

88. (423) *Nerodia modesta* (Günther.) *Günther's Keelback.*

Tropidonotus modestus. Boulenger, *Cat. Vol. I*, 1893, p 229 : Sclater, *List. Sn. Ind. Mus.* 1891, p 36. (part, all excepting No 4278 which is *N. xenurus* Wall.)

Distn.—Assam. Khasi Hills. China. Yunnan.

89. (435, 437) *Nerodia piscator* (Schneider.) *The Chequered Keelback.*

Tropidonotus quincunciatus. Abercromby, *Sn. of Ceylon*, 1910, p 46 : "Keswal", *Bomb. N. H. J. Vol I*, pp 119 and 173.

Tropidonotus asperrimus. Abercromby, *Sn. of Ceylon*, 1910, p 48 : *Spol. Zeylan.* 1911, p 206 ; l. c. 1913, p 146 ; Boulenger, *Cat. Vol. I*, 1893, p 232 ; Pearlless, *Spol. Zeylan.* 1909, p 54 ; Sarasin, *Zool. Jahrb. Jena.* 1910, pp 127 and 144 ; Wall, *Spol. Zeylan.* 1910, p 35 ; Willey, *Spol. Zeylan.* 1906, p 233.

Tropidonotus tytleri. Blyth, *J. A. S., Beng.*, Vol. XXIII, p 291 ; *And. Islanders*, p 365.

Tropidonotus sanctijohannis. Boulenger, *Cat. Vol. I*, 1893, p 230 ; l. c. Vol III, 1896, p 604.

Tropidonotus piscator. Abercromby, *Sn. Ceylon.* 1910, pp 51 and 76 ; Alcock and Rogers, *Proc. Roy. Soc.* 1902, p 452 ; Annandale, *J.A.S. Beng.* 1905, pp 174 and 175 ; *Rec. Ind. Mus.* 1912, pp 37, 49 and 53 ; Begbie, *Bomb. N. H. J. Vol. XVI.* p 516 ; Boulenger, *Cat. Vol. I*, 1893, p 230 ; l. c. Vol. III, 1896, p 604 ; *Rec. Ind. Mus.* 1913, p 338 ; Ferguson, *Bomb. N. H. J. Vol. X*, p 72 ; Millard, *Bomb. N. H. J. Vol. XV*, p 348 ; Richards, *Bomb. N. H. J. Vol. XXV* p 150 ; Sclater, *List. Sn. Ind. Mus.* 1891, p 40 ; Wall and Evans, *Bomb. N. H. J. Vol. XIII*, pp 351 and 619 ; Wall, *Bomb. N. H. J. Vol. XIII*, p 373 ; l. c. Vol. XV, p 524 ; l. c. Vol. XVI, pp 305, 388 and 390 ; l. c. Vol. XVII, pp 107 and 857 ; l. c. Vol. XVIII, p 318 ; l. c. Vol. XIX, pp 340, 611, 756, 757a and 898 ; l. c. Vol. XX, p 1034 ; l. c. Vol. XXVI, p 560 ; *Rec. Ind. Mus.* 1907, p 156.

Nerodia piscator. Wall, *Spol. Zeylan.* 1921, p 397 ; *Oph. Tap.* 1921, p 91.

Length.—1,290 mm. (4 feet, 2 $\frac{3}{4}$ inches).

Lepid.—Ventrals. 125 to 154. Subcaudals, 58 to 90.

Distn.—Ceylon. Peninsular India. To Baluchistan in the extreme North-West. *N. W. Frontier.* To Malakand. *Western and Eastern Himalayas.* Assam. Abor Hills. *Burma.* As far North as Mansi, and

Bharno. Andamans. Malay Peninsula. Siam. Indo-China. China. As far North as Fokien. Malay Archipelago. Sumatra. Borneo. Java. Formosa.

FOOTNOTE.

Nerodia tessellata (Laurenti.) Laurenti's Keelback.

Tropidonotus tessellatus. Boulenger, *Cat. Vol. I*, 1893, p 233; *l. c. Vol. III*. 1896, p 605; Wall, *Bomb. N. H. J. Vol. XVIII*, p 798; *l. c. Vol. XXI*, p 133.

Distn.—S. E. Europe. N. Africa. Central and S. W. Asia.

Note.—Has not yet been recorded within the political limits of British India. I obtained a specimen from Mastuj in North Chitral Territory and on that account it is convenient to mention it here.

Genus.—RHABDOPHIS Fitzinger.

- 1766 Coluber. Linné, *part. Mus. Ad. Frid.*, p 26, pl XVIII, fig. 2 (*type C berus*).
- 1768 Natrix. Laurenti, *part. Syn. Rept.*, p 74 [*type N. natrix* (Linné)].
- 1801 Elaps. Schneider, *part. Hist. Amph. II*, p 299 [*type E. marcgravi* (Wied)].
- 1826 Tropidonotus. Boie, *part. Isis*, p 205 [*type N. natrix* (Linné)].
- 1843 Rhabdophis. Fitzinger, *Syst. Rept.*, p 27 [*type R. subminiatus* (Schlegel)].
- 1843 Steirophis. Fitzinger, *Syst. Rept.*, p 27 [*type R. chrysargus* (Kuhl.)].
- 1854 Amphiesma. Dumeril and Bibron, *part. Erp. Gen. VII*, p 724 (*type R stolatus*).
- 1854 Leptophis. (*non Holbrook*, 1842.) Dumeril and Bibron, *part. Erp. Gen. VII*, p 541.
- 1858 Xenodon. (*non Boie*, 1827.) Günther, *part. Cat.*, p 58.
- 1858 Dromicus. (*non Bibron*, 1843.) Günther, *Cat.*, p 133.
- 1863 Thamnosophis. Jan., *part. Elenco*, p 82 [*type R. lateralis* (Dum and Bibron)].
- 1867 Zamenis. (*non Wagler*, 1830.) Steindachner, *Sitz. Zool. bot. Ges. Wien. XVII*, p 513.
- 1876 Herpetoreas. Günther, *Proc. Zool. Soc.*, p 16 [*type H. sieboldi* = *R. platyceps* (Blyth)].
- 1877 Ahaetulla. (*non Gray*, 1825.) Boettger, *Abh. Senck. Ges. XI*, p 33.
- 1881 Philothamnus. (*non Smith*, 1840.) Boettger, *Abh. Senck. Ges. XII*, p 526.
- 1882 Ptyas. (*non Fitzinger*, 1843.) Günther, *Ann. and Mag. Nat. Hist.* (5) IX, p 263.
- 1886 Bothrodytes. Cope, *Proc. Amer. Phil. Sc. XXIII*, p 495 [*type R. subminiatus* (Schlegel)].
90. (424) **Rhabdophis platyceps** (Blyth). Blyth's Keelback.

Tropidonotus platyceps. Annandale, *Rec. Ind. Mus.* 1912, pp 37, 49 and 53; Boulenger, *Cat. Vol. I*, 1893, p 248; Sclater, *List. Sn. Ind. Mus.* 1891, p 36; Wall, *Rec. Ind. Mus.* 1907, p 156; *Bomb. N. H. J. Vol. XIX*, p 340.

Distn.—Western Himalayas. As far West as Kashmir. Eastern Himalayas. Assam. Abor Hills. Khasi Hills.

Note.—No 8622 of Sclater's list is reported from Allahabad. The same donor, Mr. J. O. Cockburn, records specimens of *Trachischium guentheri* (Nos 8763 and 8764 of Sclater's list) from the same locality. Both records are equally untrustworthy. No 80—4 Bombay collection from Taunggyi, S. Shan States, donor Mr. Lightfoot, I

discredit. It is significant that Nos 620 and 621 of the same collection, both of which are *Macropisthodon plumbicolor*; are also reported from Taunggyi, and presented by the same Collector.

91. (432) **Rhabdophis himalayanus** (Günther). *The Orange-collared Keelback.*

Macropisthodon himalayanus. Annandale, *J. A. S., Beng.*, 1905, p 210.
Tropidonotus himalayanus. Boulenger, *Cat. Vol. I*, 1893, p 251; *Rec. Ind. Mus.* 1913, p 338; *Slater, List. Sn. Ind. Mus.* 1891, p 38; *Venning, Bomb. N. H. J. Vol. XX*, p 341; *l. c. p* 773; *Wall and Evans, Bomb. N. H. J. Vol. XIII*, p 537; *Wall, Bomb. N. H. J. Vol. XVIII*, p 319; *l. c. Vol. XIX*, pp 341, 614 and 757a.

Length.—864 mm. (2 feet, 10 inches).

Lepid.—Ventrals. 157 to 177. Subcaudals. 78 to 97.

Distn.—*Eastern Himalayas.* Nepal to Sikkim. *Assam.* Plains and Hills. Kaptai. Nr. Chittagong. (Nos 14574 and 14579. *Ind. Mus.*) *Burma.* Manipur. Chin Hills. S. Shan States. (Taunggyi, No 81-9 *Bomb. colln.*) Moulmein. (Nos 7417 and 7418. *Ind. Mus.*) *Tenasserim.* (Slater.) *China.* Yunnan.

Note.—Reported by Beddome from the Anamallai Hills evidently in error. (See note below *Natrix parallelus*.)

92. (430) **Rhabdophis ceylonensis** (Günther). *The Ceylon Keelback.*

Tropidonotus ceylonensis. *Abercromby, Sn. of Ceylon* 1910, p 75; *Spol. Zeylan.* 1913, p 145; *Boulenger, Cat. Vol. I*, 1893, p 252; *l. c. Vol. III*, 1896, p 607; *Sarasin, Zool. Jahr. Jena.* 1910, p 127; *Willey, Spol. Zeylan.* 1906, p 233.

Rhabdophis ceylonensis. *Wall, Oph. Tap.* 1921, p 103.

Lepid.—Ventrals. 131 to 141. Subcaudals. 35 to 54.

Distn.—*Ceylon.* Hills.

93. (426) **Rhabdophis beddomei** (Günther). *Beddome's Keelback.*

Tropidonotus beddomii. *Boulenger, Cat. Vol. I*, 1893, p 252; *Ferguson, Bomb. N. H. J. Vol. X*, p 72; *Sarasin, Zool. Jahr. Jena.* 1910, p 137; *Slater, List. Sn. Ind. Mus.* 1891, p 37; *Wall, Bomb. N. H. J. Vol. XXVI*, p 560.

Length.—692 mm. (2 feet, 3½ inches).

Lepid.—Subcaudals. 62 to 81.

Distn.—*Western Ghats.* Mahableshwar to Tinnevely.

94. (434) **Rhabdophis stolatus** (Linné). *The Buff-striped Keelback.*

Tropidonotus stolatus. *Abercromby. Sn. Ceylon*, 1910, pp 46, 47, 49, and 76; *Spol. Zeylan.* 1911, pp 206 and 207; *l. c.* 1913, pp 144 and 146; *Annandale, J. A. S., Beng.*, 1905, p 175; *Rec. Ind. Mus.* 1911, p 218; *Boulenger, Cat. Vol. I*, 1893, p 253; *Rec. Ind. Mus.* 1913, p 338; *Ferguson, Bomb. N. H. J. Vol. X*, p 72; *Pearless, Spol. Zeylan*, 1909, p 54; *Sarasin, Zool. Jahr. Jena.* 1910, p 131; *Wall and Evans, Bomb. N. H. J. Vol. XIII*, pp 351 and 619; *Wall, Bomb. N. H. J. Vol. XII*, p 765; *l. c. Vol. XV*, p 525; *l. c. Vol. XVI*, pp 302 and 390; *l. c. Vol. XVIII*, pp 108, 205 and 320; *l. c. Vol. XIX*, pp 341, 615 and 898; *l. c. Vol. XX*, p 603; *l. c. Vol. XXVI*, p 562; *Spol. Zeylan.* 1905, p 146; *Rec. Ind. Mus.* 1907, p 156; *Willey, Spol. Zeylon.* 1906, p 233.

Rhabdophis stolatus. *Wall, Spol. Zeylan.* 1921, p 397; *Oph. Tap.* 1921, p 105.

Length.—762 mm. (2 feet, 6 inches).

Distn.—Ceylon, Peninsular India. Up to about 5,000 feet. As far North as Sind. N. W. Frontier. (Malakand F. W.) Himalayas. Assam. North and South of the Bramaputra. Burma. As far North as Myitkyina. (Lat. 26°. Long. 96°30'). South to Tenasserim. Andamans. Nicobars. Malay Peninsula. Siam. China. Yunnan. Formosa. Philippines.

95. (429) **Rhabdophis nigrocinctus** (Blyth). *The Black-banded Keelback.*
Tropidonotus nigrocinctus. Boulenger, *Cat. Vol. I*, 1893, p 255 ;
Sclater, List. Sn. Ind. Mus. 1891, p 37.
Lepid.—Ventrals. 155 to 171.
Distn.—Burma. Pegu. Tenasserim. Tavoy. (Ind. Mus.) Kawkaireik, Dawna Hills. (F. W.) Siam. Klong Bang Lai. Patiyu. (M. Smith).
96. (431) **Rhabdophis subminiatus** (Schlegel). *The Vermilion-necked Keelback.*
Tropidonotus subminiatus. Boulenger, *Cat. Vol. I*, 1893, p 256 ,
Sclater, List. Sn. Ind. Mus. 1891, p 38 ; Venning, *Bomb. N. H. J. Vol. XX*, pp 341 and 773; Wall and Evans, *Bomb. N. H. J. Vol. XIII* pp 351 and 619 ; Wall, *Bomb. N. H. J. Vol. XVIII*, p 320 ; l. c. *Vol. XIX*, pp 341, 618 and 757a.
Length.—1,080 mm. (3 feet, 6½ inches).
Lepid.—Ventrals. 132 to 175. Subcaudals. 61 to 97.
Distn.—Eastern Himalayas. Nepal to Sikkim. Assam. As far North as Dibrugarh. Burma. As far North as Myitkyina. (Lat. 26°. Long. 96°30'). South to Tenasserim. (Mergui. Ind. Mus.) East to S. Shan States. (Taunggyi.) Siam. Indo-China. China. Yunnan. Malay Peninsula. Malay Archipelago. Java. Celebes. Ternate.
Note.—Beddome's record "Madras Hills" is to be discredited. See note below *Natrix parallelus*.
97. (428) **Rhabdophis chrysargus** (Schlegel). *Schlegel's Keelback.*
T. chrysargus. Boulenger, *Cat. Vol. I*, 1893, p 258; *Rec. Ind. Mus.* 1913, p 338; *Sclater, List. Sn. Ind. Mus.* 1891, p 37; Wall, *Rec. Ind. Mus.* 1909, p 145.
Tropidonotus vibakari. Sclater, *List. Sn. Ind. Mus.* 1891, p 41.
Length.—728 mm. (2 feet, 4¾ inches).
Lepid.—Ventrals. 156 to 175. Subcaudals. 60 to 102.
Distn.—Eastern Himalayas? Burma. Tenasserim. Peninsular Siam. Malay Peninsula. S. China. Malay Archipelago. Sumatra. Java. Borneo. Palawan.
Note.—This species, and *firthi* Wall, have been confused, and it is difficult to define the exact habitat of the former North of Tenasserim in consequence. Two specimens from Nepal submitted to Mr. Boulenger by Dr. Annandale were pronounced *chrysargus*. These with another from the Eastern Himalayas constituted the types of my *firthi*, and other specimens from the Eastern Himalayas, and Assam Hills identified as *chrysargus* may prove to be *firthi*. A specimen from "Burma" is in the British Museum ("g" of Boulenger's Catalogue) but "Burma" has been often loosely applied by our older herpetologists, and it is possible that this may have come from Tenasserim a Province within the Political boundaries of Burma. I have examined 12 specimens from Tenasserim.
98. (*Nil.*) **Rhabdophis firthi** (Wall). *Firth's Keelback.*
Tropidonotus chrysargus? Boulenger, *Rec. Ind. Mus.* 1913, p 337 ;
 Wall, *Rec. Ind. Mus.* 1907, p 156.

Tropidonotus firthi. Wall, *Bomb. N. H. J. Vol. XXIII*, p 166.
Types.—In the Indian Museum. (Nos 15817 and 15818 from Chitlong, Nepal).
Length.—About 455 mm. (about 1 foot, 6 inches). Not measured.
Lepid.—Ventrals. 173 to 199. Subcaudals. 80 to 88.
Distn.—*Eastern Himalayas*. Nepal to Sikkim. *Assam* ? Silonibari, N. Lakhimpur (Boulenger).
Note.—See note below last species.

99. (433) **Rhabdophis monticola** (Jerdon). *Jerdon's Keelback*.

Tropidonotus monticola. Boulenger, *Cat. Vol. I*, 1893, p 259; *Ferguson, Bomb. N. H. S. Vol. XIV*, p 386; *Sarasin, Zool. Jahr. Jena. 1910*, p 137; *Sclater, List. Sn. Ind. Mus. 1891*, p 39; *Wall, Bomb. N. H. J. Vol. XXVI*, p 562.
Length.—577 mm. (1 foot, 10 $\frac{3}{4}$ inches).
Lepid.—Ventrals. 133 to 145. Subcaudals. 78 to 92.
Distn.—*Western Ghats*. From Talevadi, Goa Frontier (Ind. Mus.) to Travancore.

Genus.—PHAYREA Theobald.

1868 Phayrea. Theobald, *Cat. Rept. As. Soc. Mus.*, p 51 (type *Pisabellina*).
 1896 Psammophis. (non Wagler, 1830). Boulenger, *part, Cat. Vol. III*, p 165.

100. (Nil.) **Phayrea isabellina** Theobald. *Phayre's Snake*.

Phayrea isabellina. Theobald, *Cat. Rept. As. Soc. Mus.* 1868, p 51; *Wall, Rec. Ind. Mus. Aug. 1921*, p 109.
Psammophis condanarus. Boulenger, *Cat. Vol. III*, 1896, p 165 (part).
Type.—In the Indian Museum, from Bassein.
Length.—520 mm. (1 foot, 8 $\frac{1}{2}$ inches). Tail 145 mm. (5 $\frac{3}{4}$ inches).
Lepid.—Costals. Two heads-lengths behind the head 19, at midbody 19, two heads-lengths before the vent 17; smooth. Ventrals. 166.
 Anal. Divided. Subcaudals. 82, divided.
Distn.—*Burma*. Bassein (Theobald).
Note.—This snake is closely allied to the members of the genus *Rhabdophis*, and is not an *Opisthoglyph*. The teeth in the left maxilla are diacranterian. The praecranterian are 17 (?) in number and moderately coryphodont in type. The cranterian teeth number 2 and are about twice the length of the last praecranterian.

Genus.—MACROPISTHODON Boulenger.

101. (439) **Macropisthodon plumbicolor** (Cantor). *The Green Keelback*.

Tropidonotus plumbicolor. *Abercromby, Spol. Zeylan*, 1911, p 206; *Ferguson, Bomb. N. H. J. Vol. X*, p 72; *Fischer, Bomb. N. H. J. Vol. XVII*, p 527; *Pearless, Spol. Zeylan*. 1909, p 54; *Sclater, List. Sn. Ind. Mus.* 1891, p 41; *Willey, Spol. Zeylan*. 1906, p 233.
Macropisthodon plumbicolor. Boulenger, *Cat. Vol. I*, 1893, p 267; *l. c. Vol. III*, 1896, p 609; *Evans, Bomb. N. H. J. Vol. XX*, p 1164; *Fischer, Bomb. N. H. J. Vol. XVII*, pp 1 and 527; *Fletcher, Spol. Zeylan*. 1908, p 99; *Sarasin, Zool. Jahr. Jena. 1910*, p 130; *Wall, Bomb. N. H. J. Vol. XVI*, p 390; *l. c. Vol. XVII*, p 1; *l. c. Vol. XIX*, p 756; *l. c. Vol. XXVI*, p 563; *Oph. Tap.* 1921, p 128.
Length.—890 mm. (2 feet, 11 inches).
Lepid.—Costals. In midbody 21 to 27. Ventrals. 144 to 163. Subcaudals. 34 to 50.

Distn.—*Peninsular India*. Except the Ganges Valley. In or near elevated terrain usually up to 7,000 feet. *Punjab*. Ambala (Stoliczka). *Sind*. (Murray.) *Ceylon*.

Note.—See note to *Rhabdophis platyceps*.

Genus.—PSEUDOXENODON *Boulenger*.

102. (422) **Pseudoxenodon angusticeps** (Blyth). *The Mock Cobra*.

P. macrops. *Annandale, Rec. Ind. Mus.* 1912, pp 37, 49 and 53; *Boulenger, Cat. Vol. I*, 1893, p. 270; *Rec. Ind. Mus.* 1913, p 338; *Venning, Bomb. N. H. J. Vol. XX*, pp 340 and 772; *Sclater, List. Sn. Ind. Mus.* 1891, p 36; *Wall, Bomb. N. H. J. Vol. XVIII*, p 321; *l. c. Vol. XIX*, pp 341, 757a and 898; *l. c. Vol. XX*, p 446.

Type.—From Ramri Island, Arakan, in the Indian Museum.

Length.—1,283 mm. (4 feet, 2½ inches).

Lepid.—Ventrals. 152 to 180. Subcaudals. 55 to 82.

Distn.—*Eastern Himalayas*. Nepal to Sikkim. *Assam*. Hills North of the Bramaputra. *Burma*. As far North as Myitkyina (Lat. 26° Long. 96°3' Bombay colln.) South to Tenasserim. (Ind. Mus.). East to S. Shan States. (Taunggyi. Bombay colln.). *China*. Yunnan. (de Scabra) Sze-Chuen. (Brit. Mus.)

Note.—The name *Pseudoxenodon angusticeps* Blyth has page preference over *P. macrops* of the same Author (J. A. S., Beng., XXIII, 1855, p 296).

Genus.—HELICOPS *Wagler*.

103. (440) **Helicops schistosus** (Daudin). *The Olivaceous Keelback*.

Sub-species—*Helicops schistosus indicus*.

Abercromby, Spol. Zeylan. 1911, p 206; *l. c.* 1913, p 145; *Annandale, Rec. Ind. Mus.* 1911, p 218; *Boulenger, Cat. Vol. I*, 1893, p 274; *Ferguson, Bomb. N. H. J. Vol. X*, p 72; *Sarasin, Zool. Jahr. Jenæ.* 1910, p 131; *Sclater, List. Sn. Ind. Mus.* 1891, p 44; *Wall, Bomb. N. H. J. Vol. XVI*, p 391; *l. c. Vol. XVIII*, p 109; *l. c. Vol. XIX*, p 146; *l. c. Vol. XXI*, p 1009; *Oph. Tap.* 1921, p 135; *Willey, Spol. Zeylan.* 1906, p 233.

Length.—870 mm. (2 feet, 10¼ inches).

Lepid.—Ventrals. 128 to 161.

Distn.—*Peninsular India*. South of Rajputana, and to base of Himalayas further east. *Ceylon*.

Note.—A specimen in the Bombay collection (91-3), donor Major F. Wall, is labelled by mistake "Shillong." Sub-species, *H. schistosus andersoni* is known from China. Yunnan. (Ind. Mus.).

Genus.—TRACHISCHIUM *Günther*.

104. (336) **Trachischium fuscum** (Blyth.) *The Black-bellied Roughside*.

Ablabes gilgiticus. *Annandale, J. A. S., Beng.*, 1905, p 210; *Wall Rec. Ind. Mus.* 1919, p 147.

Trachischium fuscum. *Annandale, J. A. S., Beng.*, 1904, p 208; *Boulenger, Cat. Vol. I*, 1893, p 297; *Sclater, List. Sn. Ind. Mus.* 1891, p. 11; *Wall, Bomb. N. H. J. Vol. XIX*, p 342.

Lepid.—Ventrals. 150 to 165. Subcaudals. 28 to 42.

Distn.—*Himalayas*. Gilgit. Loharganj, Garhwal Dist. (Ind. Mus.) Sikkim. *Assam*. (Ind. Mus., Annandale.) Khasi Hills? (Brit. Mus.)

Note.—I have not been able to trace the specimens referred to by Annandale (J. A. S., Beng., 1904, p 208.), presented by the Assam

Government to the Indian Museum. Khasi Hills rests on the authority of Jerdon who presented one specimen to the British Museum said to be from this locality.

105. (337) **Trachischium guentheri** Boulenger. *The Rose-bellied Roughside*.
Boulenger, Cat. Vol. I, 1893, p 298; Sarasin, Zool. Jahr. Jena. 1910, p 146; Sclater, List. Sn. Ind. Mus. 1891, p 11, Wall. Bomb. N. H. J. Vol. XIX, p 343.
Length.—437 mm. (1 foot, 5¼ inches).
Lepid.—Ventrals. 132 to 154. Subcaudals. 29 to 38.
Distn.—Sikkim.
Note.—Nos 8763 and 8764 of Sclater's list of snakes in the Indian Museum presented by Mr. J. Cockburn, labelled "Allahabad", are obviously not from this locality. (*Vide* note attached to *Ahabdophis platyceps*.)
106. (338) **Trachischium tenuiceps** (Blyth.) *The Yellow-bellied Roughside*.
Boulenger, Cat. Vol. I, 1893, p 299; Sarasin, Zool. Jahr. Jena. 1910, p 146; Sclater, List. Sn. Ind. Mus. 1891, p 11; Wall, Rec. Ind. Mus. 1907, p 156; Bomb. N. H. J. Vol. XIX, p 343.
Length.—406 mm. (1 foot, 4 inches).
Lepid.—Ventrals. 125 to 140. Subcaudals. 28 to 42.
Distn.—*Eastern Himalayas*. Nepal to Sikkim. *Bengal*. Hills near Barakar. (Anderson, J.A.S., Beng., Vol. XL, p 33).
Note.—Improbable as "Hills near Barakar" may at first sight seem, Annandale (Rec. Ind. Mus. 1912, p 47) from fairly extensive and varied collections, finds a Himalayan element in the fauna of Parasnath Hill. (4,480 feet.) Among other reptiles he obtained the Himalayan Lizard *Lygosoma sikkimense* there, so that Anderson's record of the snake *T. tenuiceps* from "Hills near Barakar" claims credit.
107. (339) **Trachischium monticola** (Cantor.) *Cantor's Roughside*.
Trachischium rubriventer. Boulenger, Cat. Vol. I, p 300.
Trachischium monticola. Annandale, Rec. Ind. Mus. 1912, pp 37, 45 and 53; Boulenger, Cat. Vol. I, 1893, p 299; l. c. Vol. III, 1896, p 612; Sclater, List. Sn. Ind. Mus. 1891, p 12; Wall, Bomb. N. H. J. Vol. XVIII, p 322; l. c. Vol. XIX, footnote, pp 343 and 618.
Distn.—*Assam*. Hills North and South of the Bramaputra. *Eastern Himalayas? Bengal*. Barakar. (Ind. Mus.)
Note.—I have examined the Barakar specimen and can confirm its identity. This may have come from Parasnath Hill. (See note attached to *T. tenuiceps*.) Eastern Himalayas rests on the authority of Jerdon who sent nine specimens from Darjeeling to the British Museum. This would lead one to suppose the species is common there, whereas it has not been found by any of the many other herpetologists who have explored that locality. I suggested (Bomb. N. H. J. Vol. XIX, p 343, footnote) that these specimens might have been collected in the Assam Hills where this species is common, and where Jerdon collected extensively. Eastern Himalayas seems to me a locality that calls for confirmation. Jerdon's *T. rubriventer* (Proc. A. S. Beng., 1870, p 80) does not appear to me sufficiently differentiated to consider a distinct species.
108. (Nil.) **Trachischium quinquelabialis** Wall. *Wall's Roughside*.
Wall, Bomb. N. H. J. Vol. XXI, p 201.
Type.—From Muktesar, Western Himalayas. In the Indian Museum.

Length.—324 mm. ($12\frac{3}{4}$ inches).

Lepid.—Costals. In 13 rows in midbody. Ventrals. 141 to 147. Subcaudals. 29 to 39. Supralabials. 5.

Distn.—*Western Himalayas*. Muktesar, and near Naini Tal. (F.W.)

Note.—I have now seen four specimens, three of which were taken at Muktesar at about 7,000 feet.

Genus—RHABDOPS *Boulenger*.

109. (361) **Rhabdops olivaceus** (Beddome). *Beddome's Smooth Snake*.
Pseudocyclophis olivaceus. *Boulenger, Faun. Brit. Ind. Rept.* 1890, p 300.

Rhabdops olivaceus. *Boulenger, Cat. Vol. I*, 1893, p 300; *Sarasin, Zool. Jahr. Jena.* 1910, p. 137; *Wall, Bomb. N. H. J. Vol. XXVI*, p 564.

Length.—780 mm. (2 feet, $6\frac{3}{4}$ inches).

Lepid.—Ventrals. 202 to 215. Subcaudals. 63 to 74.

Distn.—*Western Ghats*. Wynad.

110. (362) **Rhabdops bicolor** (Blyth.) *Blyth's Smooth Snake*.
Pseudocyclophis bicolor. *Boulenger, Faun. Brit. Ind. Mus.* 1890, p 300; *Sclater, List. Sn. Ind. Mus.* 1891, p 16.
Rhabdops bicolor. *Boulenger, Cat. Vol. I*, 1893, p 301; *Wall, Bomb. N. H. J. Vol. XIII*, p 322; *l. c. Vol. XXI*, p 686.

Length.—676 mm. (2 feet, $2\frac{5}{8}$ inches).

Lepid.—Ventrals. 190 to 214.

Distn.—*Assam*. Khasi Hills. *China*. Yunnan.

Genus—PLAGIOPHOLIS *Boulenger*.

111. (Nil.) **Plagiopholis blakewayi** Boulenger. *Blakeway's Snake*.
Boulenger, Cat. Vol. I, 1893, p 301. *Wall, Bom. N. H. J. Vol. XXIX*, p 467.
Distn.—*Burma*. S. Shan States. (Taunggyi. *Brit. Mus.*) Sinlum Kaba Lat. 24 (Long. 97°5) Bombay Collection.

Genus—XYLOPHIS *Beddome*.

112. (334) **Xylophis perroteti** (Dumeril and Bibron.) *Perrotet's Dwarf Snake*.
Boulenger, Cat. Vol. I, 1893, p 304; *l. c. Vol. III*, 1896, p 612
Ferguson, Bomb. N. H. J. Vol. X, p 71; *Sarasin, Zool. Jahr. Jena* 1910, p 138; *Sclater, List. Sn. Ind. Mus.* 1891, p 11; *Wall, Bomb. N. H. J. Vol. XXVI*, p 564.
Lepid.—Ventrals. 130 to 150. Subcaudals. 14 to 40.
Distn.—*Western Ghats*. Wynad to Tinnevely.

113. (335) **Xylophis stenorynchus** (Günther.) *Günther's Dwarf Snake*.
Annandale, J. A. S., Beng., 1904, p 208; *Boulenger, Cat. Vol. I*, 1893, p 304; *Ferguson, Bomb. N. H. J. Vol. X*, p 71; *Sarasin, Zool. Jahr. Jena.* 1910, p 138.
Lepid.—Ventrals. 108 to 132. Subcaudals. 12 to 31.
Distn.—*Western Ghats*. Anamalais to Tinnevely.

Genus—HAPLOCERCUS *Günther*.

114. (346) **Haplocercus ceylonensis** Günther. *The Black-spined Snake*.
Boulenger, Cat. Vol. I, 1893, p 309; *Sarasin, Zool. Jahr. Jena.* 1910, p 127; *Wall, Bomb. N. H. J. Vol. XVIII*, p 784; *Oph. Tap.* 1921, p 143; *Willey, Spol. Zeylan.* 1906, p 233.

Length.—450 mm. (1 foot, 5 $\frac{3}{4}$ inches).

Lepid.—Ventrals. 177 to 217.

Distn.—Ceylon. Hills of Central, Uva and Sabaragamuwa Provinces.

Genus—*ASPIDURA* Wagler.

115. (345) **Aspidura trachyprocta** Cope. *The Common Roughside*.
Boulenger, Cat. Vol. I, 1893, p 313; l. c. Vol. III, 1896, p 613; Fletcher, Spol. Zeylan. 1908, p. 98; Sarasin, Zool. Jahr. Jena. 1910, p 127; Sclater, List. Sn. Ind. Mus. 1891 p 12; Wall, Spol. Zeylan. 1905, p 144; Oph. Tap. 1921, p 209; Willey, Spol. Zeylan. 1906, p 233.
Length.—412 mm. (1 foot, 4 $\frac{1}{4}$ inches).
Distn.—Ceylon. Hills of Central, and Uva Provinces.
116. (Nil.) **Aspidura drummondhayi** Boulenger. *Drummond-Hay's Rough side*.
Boulenger, Spol. Zeylan. 1094, p 95; Sarasin, Zool. Jahr. Jena. 1910, p 127; Wall, Oph. Tap. 1921, p 213; Willey, Spol. Zeylan. 1906, p 233.
Types.—From Balangoda. Preserved in the British Museum.
Lepid.—Ventrals. 112 to 135. Subcaudals. 18 to 26.
Distn.—Ceylon. Hills of Uva Province. (Balangoda.)
117. (342) **Aspidura brachyorrhus** (Boie.) *Boie's Roughside*.
Boulenger, Cat. Vol. I, 1893, p 311; Pearless, Spol. Zeylan. 1909, p 54; Sarasin, Zool. Jahr. Jena. 1910, p 127; Sclater, List. Sn. Ind. Mus. 1891, p 12; Wall, Oph. Tap. 1921, p 204; Willey, Spol. Zeylan. 1906, p 233.
Length.—390 mm. (1 foot, 3 inches).
Lepids.—Ventrals. 139 to 159.
Distn.—Ceylon. In or near Hills.
118. (343) **Aspidura copei** Günther. *Cope's Roughside*.
Boulenger, Cat. Vol. I 1893, p 311; Sarasin, Zool. Jahr. Jena. 1910, p 217; Wall, Oph. Tap. 1921, p 207; Willey, Spol. Zeylan. 1906, p 233.
Length.—650 mm. (2 feet, 1 inch).
Distn.—Ceylon. Hills of Uva and Central Provinces.
119. (344) **Aspidura guentheri** Ferguson. *The Pigmy Roughside*.
Boulenger, Cat. Vol. I, 1893, p 312; Sarasin, Zool. Jahr. Jena. 1910, p 127; Sclater, List. Sn. Ind. Mus. 1891, p 12; Wall, Oph. Tap. 1921, p 208; Spol. Zeylan. 1921, p 398; Willey, Spol. Zeylan. 1906, p 233.
Distn.—Ceylon. Western Province.
- Genus.—*BLYTHIA* Theobald.
120. (341) **Blythia reticulata** (Blyth.) *Blyth's Snake*.
Proaspisidops antecursorum. Annandale, Rec. Ind. Mus. 1912, pp 37, 46 and 53.
Blythia reticulata. Annandale, Rec. Ind. Mus. 1912, pp 37 and 45; Boulenger, Cat. Vol. I, 1893, p 314; Rec. Ind. Mus. 1913, p 338; Sclater, List. Sn. Ind. Mus. 1891, p 12; Venning, Bomb. N. H. J. Vol. XX, pp 336 and 771; Wall, Bomb. N. H. J. Vol. XVIII, p 323.
Lepid.—Ventrals. 122 to 157. Subcaudals. 16 to 32.
Distn.—Assam. Hills North and South of the Bramaputra to Manipur (F. W.) Burma. Hills. Sima. (Lat 25°. Long. 97.2°. Bombay colln.). Cain Hills. (Haka.) Lushai Hills.

Genus—TRIRHINOPHOLIS Boulenger.

121. (Nil.) **Trirhinopholis nuchalis** Boulenger. *The Arrow-head Snake.*

Oligodon evansi. Wall, *Bomb. N. H. J.* Vol. XXII, p 514.

Trirhinopholis nuchalis. Boulenger, *Cat. Vol. I*, 1893, p 419; *l. c. Vol. III*, 1896, p 612; Wall, *Bomb. N. H. J.* Vol. XXVI, p 863; *l. c. Vol. XXVII*, p 175; *l. c. Vol. XXVIII*, p 43; *l. c. Vol. XXIX*, p 466.

Length.—470 mm. (1 foot, 6½ inches).

Lepid.—Ventrals. 131 to 141. Subcaudals. 23 to 27. (I omitted to remark against one in a previous paper with subcaudals 19 from Taunggyi, that the tail was incomplete.)

Distn.—*Burma*. Hills between the Chindwin and Salween Rivers, as far North as Mansi and Sima, Lat. 25° Long. 97·2°. (Bombay colln.) S. Shan States (Thondaung. F. W. Taunggyi. Bombay colln.) Karenni (Brit. Mus.) *Siam*. Ratchaburi, on the Western Boundary. (M. Smith.)

Genus—OPHITES Wagler.

1826 *Lycodon*. Ferrusac, *part*, *Bull. Scien. Nat.* p 238 [*type L. audax* = *Homomonotus modestus* (Dumeril and Bibron)].

1830 *Ophites*. Wagler, *Syst. Amph.*, p 186 [*type O. subcinctus* (Boie)].

1853 *Sphecodes*. Dumeril and Bibron, *Mem. Acad. Scient. XXIII*, p 461. (*type S. albofuscus*).

1858 *Tetragonosoma*. Gunther, *Cat.* p 253 [*type T. effrenis* (Cantor)].

1863 *Lycophidion*. Peters, *Mon. Berl. Acad.*, p 403 [*type L. bipunctatum* = *Ophites jara* (Shaw)].

1868 *Tyleria*. Theobald, *Cat. Rept. As. Soc. Mus.*, p 66 [*type T. hypsirhinoides* = *Ophites aulicus* (Linne)].

1870 *Cercaspis*. (non Dumeril and Bibron., 1854.) Beddome, *Madras Monthly Jour. Med. Sc.*

1884 *Elapoides* (non Boie, 1827.) Sauvage, *Bull. Soc. Phil.* (7), VIII, p 144.

122. (347) **Ophites striatus** (Shaw) Shaw's Wolf Snake.

Lycodon striatus. Annandale, *J. A. S., Beng.*, 1904, p 208; *Mem. A.S., Beng.*, Vol. I, p 194; Boulenger, *Cat. Vol. I*, 1893, p 349; Green, *Spol. Zeylan.* 1905, p 205; *l. c.* 1906, pp 233 and 234; Sarasin, *Zool. Jahr. Jena.* 1910, p 130; Sclater, *List. Sn. Ind. Mus.* 1891, p 13; Wall, *Spol. Zeylan.* 1907, p 174; *Bomb. N. H. J.* Vol. XVIII, p 110 *l. c. Vol. XIX*, p 102; *l. c. Vol. XX*, p 1034; Willey, *Spol. Zeylan* 1906, p 233.

Ophites striatus. Wall, *Oph. Tap.* 1921, pp 147.

Lepid.—Ventrals. 150 to 196. Subcaudals. 34 to 66.

Distn.—Ceylon. Peninsular India. To the Himalayas. Western Himalayas. Kasauli (F.W.) Punjab. Sind. Baluchistan. Persia. Khwaja. (Ind. Mus.) Transcaspija.

123. (348) **Ophites jara** (Shaw.) The Twin-spotted Wolf Snake.

Lycodon jara. Boulenger, *Cat. Vol. I*, 1893, p 350; *l. c. Vol. III*, 1896, p 618; *Rec. Ind. Mus.* 1913, p 338; Sclater, *List. Sn. Ind. Mus.* 1891, p 14; Wall, *Bomb. N. H. J.* Vol. XIX, pp 344 and 619.

Length.—539 mm. (1 foot, 9½ inches).

Lepid.—Ventrals. 167 to 188. Subcaudals. 52 to 74.

Distn.—Bengal. Alipur. Sibpur. (Ind. Mus.) Saraghat. (F. W.) East Himalayas. Pashok. Tindharia. (F. W.) Assam. Dibrugarh. Sadiya. Makum. Namsang. (F. W.) Dejoon, N. Lakhimpur. N. Cachar. (Ind. Mus.) Monacherra, Cachar. (Bombay colln.) Burma. Manipur. (F. W.) Pegu. ? (Stoliczka.)

Note.—Specimens in the British Museum of Colonel Beddome's collecting are labelled "Malabar", and "Anamallays". These localities are to be discredited for reasons cited in the note below *Natrix parallelus*. Pegu on the authority of Stoliczka calls for confirmation.

124. (349) **Ophites anamallensis** (Günther.) *Günther's Wolf Snake*.

Lycodon anamallensis, *Boulenger, Cat. Vol. I*, 1893, p 351; *Sarasin, Zool. Jahr. Jena*. 1910, p 138.

Distn.—*Western Ghats*. Anamalais. Wynad.

Note.—In view of the fact that I have had specimens of *striatus* and *aulicus* in which the loreal is divided into two, and specimens of both in which the anal is entire, I think this species may have to be united with *aulicus*. Only two specimens are known both of which are in the British Museum.

125. (351) **Ophites aulicus** (Linné.) *The Common Wolf Snake*.

Lycodon ulicus. *Abercromby, Spol. Zeylan*. 1911, pp 205 and 206 *Annamale, J. A. S., Beng.*, 1905, pp 173 and 175; *Boulenger, Cat. Vol. I*, p. 352; *l. c. Vol. III*, p 618; *Blyth, And. Islanders*, pp 365 and 366; *Ferguson, Bomb. N. H. J. Vol. X*, p 71; *Pearless, Spol. Zeylan*, 1909, p 54; *Sarasin, Zool. Jahr. Jena*. 1910, p 131; *Slater, List. Sn. Ind. Mus.* 1891, p 14; *Wall and Evans, Bomb, N. H. J. Vol. XIII*, pp 348 and 616; *Wall, Bomb. N. H. J. Vol. XV*, p 706; *l. c. Vol. XIV*, pp 293 and 387; *l. c. Vol. XVIII*, p 112; *l. c. V i XIX*, pp 87, 344, 619, 756, 757a; 898; *l. c. Vol. XX*, p 521; *l. c. Vol. XXVI*, p 565; *Rec. Ind. Mus.* 1907, p 156; *Willey, Spol. Zeylan*. 1906, p 233.

Ophites aulicus. *Wall. Oph. Tap.* 1921, p 151.

Length.—838 mm. (2 feet, 9 inches).

Lepid.—Ventrals. 177 to 224. Subcaudals. 53 to 80.

Distn.—*Ceylon. Peninsular India. Sind.* Larkhana. (Bombay colln.). *Himalayas.* Kulu to Sikkim. *Assam.* As far North as Dibrugarh. *Burma.* As far North as Myitkyina. South to Tenasserim. East to Shan States. *Andamans. Nicobars. Malay Peninsula. Indo-China. China.* Yunnan. Southern Provinces and neighbouring Islands. *Malay-Archipelago.* Java to Timor. *Philippines.*

126. (Nil.) **Ophites flavomaculatus** (Wall.) *Wall's Wolf Snake*.

Lycodon flavomaculatus. *Sarasin, Zool. Jahr. Jena*. 1910, p 138; *Wall, Bomb. N. H. J. Vol. XVII*, p 612.

Types.—In the British Museum from Oudi and Kirkee.

Length.—350 mm. (1 foot, 1 $\frac{3}{4}$ inches).

Lepid.—Ventrals. 165 to 182. Anal. Divided. Subcaudals. 53 to 62.

Distn.—*Western Ghats*. (Nasik. Kirkee. Poona. Deolali. Dharwar. Sangli. Lat. 16° & Long. 75°.) *Berar*. (Buldana. Lat. 20°5' Long 76°).

Note.—Was confused with *L. jara* for many years.

127. (350) **Ophites travancoricus** (Beddome.) *Beddome's Wolf Snake*.

Lycodon travancoricus. *Boulenger, Cat. Vol. I*, 1893, p 355; *Ferguson Bomb. N. H. J. Vol. X*, p 71; *Sarasin, Zool. Jahr. Jena*. 1910, p 138; *Slater, List. Sn. Ind. Mus.* 1891, p 14; *Wall, Bomb. N. H. J. Vol. XVI*, p 297; *l. c. Vol. XIX*, p 756; *l. c. Vol. XXVI*, p 565.

Length.—742 mm. (2 feet, 5 $\frac{1}{4}$ inches).

Distn.—*Hills of Peninsular India.* Western Ghats. (From Matheran to Tinnevely.) S. Arcot. Vizagapatam. (Bombay colln.) Jubbulpore, C. P. (Bombay colln.)

128. (352) **Ophites atropurpureus** (Cantor.) *Cantor's Wolf Snake*.
Lycodon atropurpureus. *Boulenger, Cat. Vol. I, 1893, p 356*.
Type.—From Mergui, is lost.
Distn.—Bengal. Assam? Burma. Mergui.
Note.—The type of Cantor's *subfuscus* (synonymous) from Bengal is also lost. No representative is known in any Museum.
129. (354) **Ophites fasciatus** Anderson *Anderson's Wolf Snake*.
Lycodon fasciatus. *Boulenger, Cat. Vol. I, 1893, p 358; l. c. Vol. III, 1896, p 618; Evans, Bomb. N. H. J. Vol. XVI, p 169; Slater, List Sn. Ind. Mus. 1891, p 15; Wall and Evans, Bomb. N. H. J. Vol. XIII, pp 372 and 616; Wall, Bomb. N. H. J. Vol. XVIII, pp 324 and 779; l. c. Vol. XX, pp 279 and 948*.
Length.—934 mm. (3 feet, $\frac{3}{4}$ of an inch).
Lepid.—Ventrals, 201 to 213. Subcaudals, 74 to 94.
Distn.—*East Himalayas*. Darjeeling Dist. (Ind. Mus.) Mungpoo. (F. W.) Assam. Tezpur. (Ind. Mus.) Khasi Hills. *Burma*. As far North as Mansi and Sima. (Lat. 25^o. Long. 97^o. F.W.). Chin Hills. Shan States. (Mogok. Maymyo. Taunggyi. F. W.) *Siam*. In the Peninsula N. of Kra. *China*. Yunnan.
Note.—I have examined a young example in the British Museum labelled *L. gammiei* by Mr. Boulenger, in which the costals are 17 in midbody, ventrals 208, and subcaudals 91, which emphasises the close resemblance of this species to *Dinodon gammiei*. (*Vide* note on that species.)
130. (Nil.) **Ophites mackinnoni** (Wall.) *Mackinnon's Wolf Snake*.
Lycodon mackinnoni. *Wall, Bomb. N. H. J. Vol XVII, p 29*.
Type.—From Mussoorie. Preserved in the British Museum.
Length.—387 mm. (1 foot, $3\frac{1}{4}$ inches).
Lepid.—Ventrals, 164 to 184. Subcaudals, 47 to 57.
Distn.—*Western Himalayas*. Mussoorie. Almora. Muktesar. Near Naini Tal.
Note.—I have now seen eleven specimens.

Genus.—*CERCASPIS* Dumeril and Bibron.

- 1820 *Hurria*. (*non Daudin* 1803.) *Kuhl, Beitr. Zool. Verg. Anat, p 95*.
 1837 *Lycodon*. (*non Ferrusac*, 1826.) *Schlegel, Phys. Serp. II, p 109, pl IV, figs 6 and 7*.
 1854 *Cercaspis*. (*non Wagler*, 1830.) *Dumeril and Bibron, VII, p 390*.
131. (356) **Cercaspis carinatus** (Kuhl.) *The Ceylon Wolf Snake*.
Lycodon carinatus. *Boulenger, Faun. Brit. Ind. Rept. 1890, p 297 Cat. Vol. I, 1893, p 358; Sarasin, Zool. Jahr. Jena. 1910, p 127 Willey, Spol. Zeylan. 1906, p 233*.
Cercaspis carinatus. *Wall, Spol. Zeylan. 1921, pp 399 and 404. Oph. Tap. 1921, p 162*.
Length.—730 mm. (2 feet, $4\frac{3}{4}$ inches).
Lepid.—Ventrals, 188 to 198. Subcaudals, 51 to 64. Costals, Two heads-lengths behind the head 17, midbody 19, two heads-lengths before the vent 17.
Distn.—*Ceylon*. Plains and up to 3,000 feet.
Note.—My reasons for removing this species from the genus *Ophites* are given in *Spolia Zeylanica*, 1921, p 404.

Genus.—*DINODON* Dumeril and Bibron.132. (355) **Dinodon gammiei** (Blanford). *Gammie's Wolf Snake*.

Lycodon fasciatus. D'Abreu, *Bomb. N. H. J. Vol. XX*, p 857 ;
l. c. *Vol. XXI*, p 1335.

Lycodon gammiei. Boulenger, *Cat. Vol. I*, 1893, p 358 ; Sarasin, *Zool. Jahrb. Jena*. 1910, p 146 ; Sclater, *List. Sn. Ind. Mus.* 1891, p 15 ;
Wall, *Bomb. N. H. J. Vol. XXI*, p 279.

Type.—From Darjeeling Dist. in the Indian Museum.

Length.—1.118 mm. (3 feet, 8 inches).

Lepid.—Costals. At midbody 17 or 19. Ventrals. 206 to 222. Subcaudals. 98 to 105.

Distn.—*Eastern Himalayas*. Darjeeling Dist. (Ind. Mus.) Kurseong. (D'Abreu.)

Note.—I have examined the type (No 8447 in the Indian Museum) and count the ventrals 222, and the subcaudals 100 in pairs. The costals are 17 anteriorly for about six heads-lengths, then become 19 and remain 19 till behind midbody, when they become 17, and later reduce to 15. In this feature I believe the specimen will prove aberrant. A second specimen (No 17129 in the Indian Museum) has the costals in 17 rows to well behind midbody. I count the ventrals 207, and the subcaudals 105. The species is extremely like *Ophites fasciatus* in almost every detail, but I am satisfied is not only distinct but should be placed in the genus *Dinodon*. I find that in both the specimens referred to, the praecranterian teeth are small and number 2. The cranterian number 3 and progressively reduce in size, the first of the 3 being considerably larger than the praecranterian. This is the arrangement of the teeth in three other species of *Dinodon* of which I have skulls, viz., *septentrionalis*, *rufozonatus* and *semicarinatus*. In the genus *Ophites* there are 2 small praecranterian teeth. The cranterian number 2 only, the posterior being the shorter. In this respect my four skulls of *fasciatus* agree with other *Ophites*. I have skulls of 7 species. The specimen referred to by D'Abreu as *Ophites fasciatus* was submitted to me for examination, and proves to be this species. I have seen four examples.

133. (353) **Dinodon septentrionalis** (Günther.) *Jerdon's Wolf Snake*.

Sub-species.—*Dinodon septentrionalis septentrionalis* Gunther. *Bungarus bungaroides*. Sclater, *List. Sn. Ind. Mus.* 1891, p 58. (*part*, No 7741).

Lycodon septentrionalis. Boulenger, *Faun. Brit. Ind. Rept.* 1890, p 295.

Dinodon septentrionalis. Boulenger, *Cat. Vol. I*, 1893, p 363 ; l. c. *Vol. III*, 1896, p 619 ; *Bomb. N. H. J. Vol. XVI*, p 235 ; Wall, *P. Z. S.* 1903, p 90 ; *Bomb. N. H. J. Vol. XVIII*, p 778 ; *Rec. Ind. Mus.* 1909, p 621.

Length.—1,020 mm. (3 feet, 4 $\frac{1}{8}$ inches).

Lepid.—Ventrals. 207 to 217. Subcaudals. 81 to 92.

Distn.—*Eastern Himalayas*. Darjeeling Dist. (Ind. Mus.). Phoobering, below Darjeeling. (F. W.) *Assam*. Namsang. Lat. 27°. Long. 95.5°. (F. W.) *Burma*. Mogok, Ruby mines. (Boulenger.) *Karen Hills*. (Brit. Mus.) *S. China*. Kuantun, Fokien. (Boulenger.) *Hills N. of Kiukiang*. (Brit. Mus.)

Genus.—*DRYOCALAMUS* Günther.

134. (357) *Dryocalamus nympha* (Daudin.) *The Bridal Snake*.
Hydrophobus nympha. Boulenger, *Faun. Brit. Ind. Rept.* 1890, p 298; *Sclater, List. Sn. Ind. Mus.* 1891, p 16.
Dryocalamus nympha. Boulenger, *Cat. Vol. I*, 1893, p 370; *Ferguson, Bomb. N. H. J. Vol. X*, p 71; *Sarasin, Zool. Jahrb. Jena.* 1910, p 128; *Wall, Bomb. N. H. J. Vol. XIX*, p 287; *Spol. Zeylan.* 1921, p 399; *Oph. Tap.* 1921, p 166; *Willey, Spol. Zeylan.* 1906, p 233.
Length.—508 mm. (1 foot, 8 inches).
Distn.—*Ceylon. Peninsular India.* As far North as the Balarangam Hills on the Western side and Orissa (Rumbha. F. W.) on the Eastern.
135. (359) *Dryocalamus davisoni* (Blanford.) *Davison's Bridal Snake*,
Hydrophobus davisoni. Boulenger, *Faun. Brit. Ind. Rept.* 1890. p 299; *Sclater, List. Sn. Ind. Mus.* 1891, p 16 (*part, No 3201*).
Dryocalamus davisoni. Boulenger, *Cat. Vol. I*, 1893, p 372.
Length.—700 mm. (2 feet, 3½ inches).
Distn.—*Burma. Tenasserim.* (Nawlabu Hill. E. of Tavoy. *Ind. Mus.*).
Siam. Indo-China.
136. (358) *Dryocalamus gracilis* (Günther.) *The Scarce Bridal Snake*.
Hydrophobus gracilis. Boulenger, *Faun. Brit. Ind. Rept.* 1890, p 298,
Hydrophobus davisoni. Sclater, *List. Sn. Ind. Mus.* 1891, p 16 (*part. No 8690*).
Dryocalamus gracilis. Boulenger, *Cat. Vol. I*, 1893, p 371; *Sarasin; Zool. Jahrb. Jena.* 1910, p 128; *Wall, Rec. Ind. Mus.* 1909, p 147. *Bomb. N. H. J. Vol. XIX*, p 290; *Oph. Tap.* 1921, p 169; *Willey, Spol. Zeylan.* 1906, p 233.
Length.—607 mm. (1 foot, 11¾ inches).
Lepid.—*Ventrals.* 199 to 243. *Subcaudals.* 75 to 87. *Anal.* Sometimes divided.
Distn.—*Ceylon. Peninsular India.* Anamalais and Cuddapah Hills (*Brit. Mus.*) Berhampore, Orissa. (F. W.).
Note.—Specimen No 8690 of Sclater's list is undoubtedly this species. The costals are in 15 rows. *Ventrals.* 236. *Anal.* Divided, (and in this feature aberrant). *Subcaudals.* 85. I support Sclater in the doubt he has raised to the locality of this specimen (labelled False Island, Arrakan ?).

Genus.—*PTYAS* Fitzinger.

- 1758 Coluber. *Linneé, part, Syst. Nat. I*, p 226 (*type Cberus*).
1768 Natrix. *Laurenti, part, Syn. Rept. I*, p 388 [*type N natrix (Linne.)*]
1843 Ptyas. *Fitzinger, Syst. Rept.*, p 26 [*type Coluber blumenbachi*] = *P mucosus (Linneé)*.
1854 Coryphodon. *Dumeril and Bibron, part, Erp. Gen. VII*, p 180.
1854 Ablabes. *Dumeril and Bibron, part. Erp. Gen. VII*, p 326
1860 Zaocys. *Cope, Proc. Ac. Philad.*, p 563 [*type Z dhumnades (Cantor.)*]
1860 Leptophis. (*non Dumeril and Bibron, 1854*). *Hallowell, Proc. Ac. Philad.* p 503.
1864 Zapyrus. *Günther, Rept. Brit. Ind.*, p 256 (*type Z fuscus*).
1890 Zamenis. *Boulenger, part. Faun. Brit. Ind. Rept.* 1890, p 324.

437 (397) **Ptyas mucosus** (Linné.) *The Dhaman or Common Rat Snake*;
Zamenis mucosus. *Abercromby, Sn. of Ceylon*, 1910; pp 47, 63 and 73;
Spol. Zeylan. 1911, p 205; *l. c.* 1913, p 145; *Alcock and Rogers P.R.*
Soc. 1902, p 451; *Annandale, J. A. S., Beng.* 1905, p 175; *Rec. Ind. Mus.*
 1912, pp 37, 48 and 53; *Beadon, Bomb. N. H. J. Vol. XX*, p 228.
Boulenger, Cat. Vol I, 1893, p 385; *l. c. Vol. III*, 1896, p 621;
D'Abreu, Bomb. N. H. J. Vol. XXI, p 1099; *l. c. Vol. XXIV*, p 753.
Fenton, Bomb. N. H. J. Vol. XIX, p 1002; *Ferguson, Bomb. N. H. J.*
Vol. X, p 71; *Gleadow, Bomb. N. H. J. Vol. XVII*, p 245; *Kelsall,*
Bomb. N. H. J. Vol. XII, p 783; *Millard, Bomb. N. H. J. Vol. XV.*
p 348; *l. c. Vol. XVII*, p 245; *Millett, Bomb. N. H. J. Vol. XIX*, p
 759; *Mullan, Bomb. N. H. J. Vol. XVIII*, p 919; *Pearless*; *Spol.*
Zeylan. 1909, p 54; *Sarasin, Zool. Jahr. Jena.* 1910, p 132;
Slater, List. Sn. Ind. Mus. 1891 p 26; *Sundara Raj, Bomb.*
N. H. J. Vol. XXIII, p 789; *Venning, Bomb. N. H. J. Vol. XX*,
 p 339; *Wall and Evans, Bomb. N. H. J. Vol. XIII*, pp 353 and 620;
Wall, Spol. Zeylan. 1905, p 3; *Bomb. N. H. J. Vol. XVI*, pp 298 and
 393; *l. c. Vol. XVII*, pp 259, 1017, and 1033 *l. c. Vol. XVIII*; pp 113
 and 157; *l. c. Vol. XIX*, pp 267, 345, 623 and 757; *l. c. Vol. XXI*,
 pp 134 and 1034; *l. c. Vol. XXIII*, p 168; *Willey, Spol. Zeylan.*
 1906, p 233.

Zaoecys mucosus. *Wall Bomb. N. H. J. Vol. XXIII*, p 168; *l. c. Vol.*
XXVI, p 566; *Spol. Zeylan.* 1921, p 399.

Ptyas mucosus. *Wall, Oph. Tap.* 1921. p 172.

Length.—3,583 mm. (11 feet, 9 inches).

Lepid.—Ventrals. 180 to 213. Subcaudals. 95 to 146.

Distn.—*Ceylon. Peninsular India.* To the Himalayas. *Sind.*
Baluchistan. Afghanistan. Transcaspiā. Assam. North and South
 of the Bramaputra. *Burma. Andamans. Malay Peninsula.*
Indo-China. S. China. Including neighbouring Islands and For-
 mosa. *Malay Archipelago. Java.*

Note.—In the Bombay Natural History Journal Vol. XXIII, p 168,
 I gave reasons for removing *mucosus* (Linné) from the genus
Zamenis, and included it with the genus *Zaoecys*, but Cope's *Zaoecys*
 1860, is antedated by Fitzinger's *Ptyas*. 1843. All the six species
 referred to in Boulenger's Catalogue under *Zaoecys* (Vol I, p 374)
 must now be grouped with *mucosus* under the name *Ptyas*.

438. (405) **Ptyas nigromarginatus** (Blyth.) *Blyth's Rat Snake*.

Annandale, Rec. Ind. Mus. 1911, p 217; *Boulenger, Cat. Vol. I*, 1893
 p 376; *Slater, List. Sn. Ind. Mus.* 1891, p 29; *Wall, Bomb. N. H. J.*
Vol. XVIII, p 325; *l. c. Vol. XIX*, pp 344 and 621.

Length.—2,363 mm. (7 feet, 9 inches.) (Blyth).

Lepid.—Ventrals. 189 to 205. Subcaudals. 120 to 142.

Distn.—*Eastern Himalayas.* Nepal to Sikkim. *Assam.* Khasi
 Hills. Naga Hills. (Kohima, F. W.) *China.* Yunnan. (Lu-shui-ho,
 Su-chuan Province. Annandale).

439. (Nil.) **Ptyas tenasserimensis** (Slater.) *Slater's Rat Snake*.

Boulenger, Cat. Vol. I, 1893, p 378; *Slater, List. Sn. Ind. Mus.* 1891,
 p 30.

Type.—In the Indian Museum from Tenasserim.

Distn.—*Burma.* Tenasserim.

Note.—Known from a single specimen in the Indian Museum.

Genus—ZAMENIS Wagler.

140. (396) **Zamenis korros** (Schlegel.) *Schlegel's Rat Snake*.
Zamenis korros. *Boulenger, Cat. Vol. I*, 1893, p 384; *l. c. Vol. III* 1896, p 621; *Slater, List. Sn. Ind. Mus.* 1891, p 26; *Wall and Evans, Bomb. N. H. J. Vol. XIII*, pp 353 and 620; *Wall, Bomb. N. H. J. Vol. XVIII*, p 326; *l. c. Vol. XIX*, pp 345 and 622.
Length.—2,198 mm. (7 feet, 2½ inches).
Lepid.—Ventrals. 160 to 187. Subcaudals. 120 to 147.
Distn.—*Eastern Himalayas. Assam.* North and South of the Bramaputra. *Eastern Bengal. Chittagong.* (Ind. Mus.) *Burma.* Plains and Hills. *Shan States.* (Lashio. Bombay colln.) *Tenasserim.* (Ind. Mus.) *Malay Peninsula; Siam. Indo-China. China.* Yunnan. South; Provinces, and neighbouring Islands. *Malay Archipelago.* Sumatra. Java. *Formosa?*
141. (398, 399) **Zamenis ventrimaculatus** (Gray) *Gray's Rat Snake*.
Zamenis rhodorhachis. *Alcock and Finn, J. A. S., Beng.*, 1896, p 563. *Annandale, J. A. S., Beng.*, 1904, p 209. *Boulenger, Cat. Vol. I*, 1893, p 398; *l. c. Vol. III*, 1896, p 623; *P. Z. S.* 1919, p 301; *Wall, Bomb. N. H. J. Vol. XVIII*, p 798; *l. c. Vol. XXI*, pp 134 and 1035.
Zamenis ventrimaculatus. *Boulenger, Cat. Vol. I*, 1893, p 399; *l. c. Vol. III*, 1896, p 623; *Sarasin, Zool. Jahr. Jena.* 1910, p 143; *Slater, List. Sn. Ind. Mus.* 1891, p 27; *Wall, Bomb. N. H. J. Vol. XXIII*, p 38.
Zamenis ladacensis. *Slater, List. Sn. Ind. Mus.* 1891, p 27.
Length.—1,232 mm. (4 feet and ½ an inch).
Lepid.—Ventrals. 199 to 246. Subcaudals. 82 to 145.
Distn.—*Africa.* Egypt to Somaliland. *Arabia.* From Mesopotamia in the North to Aden Hinterland in the South. *Persia. Transcaspia. Afghanistan.* N. W. *India. Baluchistan. Chitral. Gilgit. Ladak. Sind. Punjab. Peninsular India.* Rajputana. *Gujerat.* (Deesa. Bombay colln.) *Bombay Pres.* (Khandesh. Deolali. Bombay colln. *Western Himalayas.* As far East as Lamgarrah, Almora District (F. W.)
Note.—I cannot separate this species from *rhodorhachis* Jan. It is as variable in colouration as *Z. diadema*, but I do not think these varieties deserve recognition as subspecies.
142. (400) **Zamenis karelini** (Brandt.) *Karelin's Rat Snake*.
Annandale, J. A. S., Beng., 1904, p 209; *Alcock and Finn, J. A. S.-Beng.* 1896, p 563; *Boulenger, Cat. Vol. I*, 1893, p. 401; *Slater, List. Sn. Ind. Mus.* 1891, p 28; *Wall, Bomb. N. H. J. Vol. XX*, p 1035.
Lepid.—Ventrals. 192 to 213. Subcaudals. 92 to 111.
Distn.—*Transcaspia. Turkestan. Persia. Afghanistan. Baluchistan.*
143. (401) **Zamenis gracilis** (Günther.) *Günther's Rat Snake*.
Boulenger, Cat. Vol. I, 1893, p 404; *l. c. Vol. III*, 1896, p 624.
Distn.—*Peninsular India.* *Bombay. Poona.* (Murray.) *Satara. Asingarh.* Lat. 21°5' Long. 76°2' (Bombay colln.) *Sind.* (Murray.)
144. (*Nil.*) **Zamenis florulentus** (Geoffrey.) *Geoffrey's Rat Snake*.
Boulenger, Cat. Vol. I, 1893, p 402; *l. c. Vol. III*, p 624; *P. Z. S.* 1919, p 302; *Wall, Bomb. N. H. J. Vol. XVIII*, p 689.
Distn.—*N. E. Africa.* Egypt to Somaliland. *Baluchistan. Quetta.* (F. W.)

145. (402) **Zamenis fasciolatus** (Shaw.) *The Fasciolated Rat Snake.*
Boulenger, Cat. Vol. I, 1893, p 404; Sarasin, Zool. Jahr. Jena. 1910, p. 131; Sclater, List. Sn. Ind. Mus. 1891, p 28; Wall, Bomb. N. H. J. Vol. XVIII, p 115; l. c. Vol. XXIII, p 34; Oph. Tap. 1921, p 191; Willey, Spol. Zeylan. 1906, p 233.
Lepid.—Ventrals. 191 to 232.
Distn.—*Ceylon. Peninsular India.* To the base of the Himalayas. To Calcutta in the N. East. To the Punjab in the N. West. (Ambala. Bombay colln.)
Note.—I doubt its occurrence in the Malay Peninsula for reasons cited in the note to *Typhlops bothriorhynchus* (q.v.).
146. (Nil.) **Zamenis ravergeri** (Menetries.) *Raverger's Rat Snake.*
Boulenger, Cat. Vol. I, 1893, p 405; l. c. Vol. III, 1896, p 625; Sclater, List. Sn. Ind. Mus. 1891, p 29; Wall, Bomb. N. H. J. Vol. XXI, pp 137 and 1036.
Distn.—*Transcaucasia. Transaspia. Turkestan. Persia. Afghanistan, Baluchistan* (F. W.) *Chitral.* (F. W.) *N. W. Frontier.* (Paiwar Kotal. F. W.)
147. (403) **Zamenis diadema** (Schlegel.) *The Royal Rat Snake.*
Annandale, J. A. S., Beng., 1904, p 208; Boulenger, Cat. Vol. I 1893, p 411; l. c. Vol. III, 1896, p 265; P. Z. S. 1919, p 302; Sclater, List. Sn. Ind. Mus. 1891, p 28; Wall, Bomb. N. H. J. Vol. XXI, pp 138 and 1036; l. c. Vol. XXIII, p 210.
Distn.—*N. Africa. Algeria to Egypt. Arabia. Persia. Turkestan. Afghanistan. Baluchistan. N. W. India. Chitral, N. W. Frontier. Punjab., Peninsular India. Rajputana.* As far South as Cutch. (Bhuj. Bombay colln.) and Guzerat. (Ahmedabad. Bombay colln.) As far East as Farukhabad, U.P. (F. W.)
148. (404) **Zamenis arenarius** Boulenger. *Murray's Rat Snake.*
Boulenger, Cat. Vol. I, 1893, p 413.
Distn.—*N. W. India. Sind. Rajputana.*
- Genus—LYTORHYNCHUS *Peters.*
149. (Nil) **Lytorhynchus ridgewayi** Boulenger. *Ridgeway's Desert Snake.*
Alcock and Finn, J. A. S., Beng. 1896., p 562; Annandale, J. A. S., Beng., 1904, p 208; Boulenger, Cat. Vol. I, 1893, p 415; Wall, Bomb. N. H. J. Vol XXI, p 1037.
Lepid.—Ventrals. 171 to 185. Subcaudals. 42 to 52.
Distn.—*Transaspia. Afghanistan. Baluchistan. Man, Gusht, Kacha, Sib, Kanki.* (Bombay colln.) Quetta. (F. W.)
150. (395) **Lytorhynchus paradoxus** (Günther.) *Günther's Desert Snake,*
Boulenger, Cat. Vol I, 1893, p 416.
Distn.—*Sind. Punjab.* Multan. (Bombay colln.)
151. (Nil.) **Lytorhynchus maynardi** Alcock and Finn. *Maynard's Desert Snake.*
Alcock and Finn, J. A. S., Beng, 1896, p 562; Annandale, J. A. S., Beng., 1904, p 208.
Type.—From near Probat, Perso-Baluch Frontier. Preserved in the Indian Museum. Co-type in the British Museum.

Lepid.—Costals. In 19 rows in midbody. Ventrals. 181 to 192. Ana Divided. Subcaudals. 55 to 58.
Distn.—*Baluchistan*.

Genus.—*XENELAPHIS* Günther.

152. (415) **Xenelaphis hexagonotus** (Cantor.) *Cantor's Rat Snake*.

Boulenger, Cat. Vol. II, 1894, p 8.

Distn.—*Burma*. Arakan. *Malay Peninsula*. *Malay Archipelago*. Sumatra Borneo. Java.

Genus.—*COLUBER** Linné.

153. (413) **Coluber frenatus** (Gray.) *Gray's Coluber*.

Boulenger, Cat. Vol. II, 1894, p 58.

Distn.—*Assam*. Khasi Hills.

154. (412) **Coluber prasinus** Blyth. *Blyth's Coluber*.

Annandale, Rec. Ind. Mus. 1911, p 218; Boulenger, Cat. Vol. II, 1894, p 59; Sclater, List. Sn. Ind. Mus. 1891, p 32; Venning, Bomb. N. H. J. Vol. XX, p 337; Wall, Bomb. N. H. J. Vol. XIX, pp 346 and 825.

Lepid.—Ventrals. 191 to 209. Subcaudals. 91 to 110.

Distn.—*Eastern Himalayas*. Sikkim. *Assam*. Garo Hills. Khasi Hills. Naga Hills. (F. W.) *Burma*. As far North as Mansi† (Lat. 24°3′. Long. 96°3′. Bombay colln.) Bhamo. (Ind. Mus.) Chin Hills. N. Shan States. (Ruby Mines. Bombay colln.) S. Shan States. *China*, Yunnan. (Ind. Mus.)

†*Note.*—There is another Mansi (Lat. 24°7′. Long. 95°7′).

155. (373) **Coluber porphyraceus** Cantor. *The Broad-barred Coluber*.

Ablabes porphyraceus. *Annandale, Rec. Ind. Mus. 1911, p 217; l. c. 1912, pp 37, 47 and 53; Boulenger, Faun. Brit. Ind. Rept. 1890, p 308; Sclater, List. Sn. Ind. Mus. 1891, p 19; Venning, Bomb. N. H. J. Vol. XX, p 337; Wall and Evans, Bomb. N.H.J. Vol. XIII, pp 343 and 611.*

Coluber porphyraceus. *Annandale, J. A. S., Beng., 1905, p 175; Boulenger, Cat. Vol. II, 1894, p 34; Wall, Bomb. N. H. J. Vol. XVIII, p 326; l. c. Vol. XIX, pp 345 and 827.*

Length.—991 mm. (3 feet, 6 inches).

Lepid.—Ventrals. 190 to 218.

Distn.—*Eastern Himalayas*. Jalpaiguri Dist. Sikkim. *Assam*. Abor Hills. Sadiya. (F. W.) Sibsagar (Ind. Mus.) Garo Hills. Khasi Hills. Naga Hills. *Burma*. Kachin Hills. (Hotha., Ind. Mus. Sadon Lat. 24°7′. Long. 98°. Bombay colln.) Manipur. Chin Hills. S. Shan States. *Andamans*. (Annandale.) *China*. Yunnan. Fokien.

Note.—I do not credit its occurrence in the Malay Peninsula for reasons cited in the note to *Typhlops bothriorhynchus*. I cannot trace the authority for Sumatra, and also discredit this as a locality until confirmation.

*Stejneger (Herp. Japan 1907, p 307) attempts to invalidate *Coluber* Linné, 1766, and substitute *Elaphe* Fitzinger 1833, on the representation that Linné did not cite a definite genotype, and Fleming in 1822, and Boie in 1826 selected as types species that were unknown to Linné. The matter should be referred to an International tribunal to decide, and until a decision has been given it would be unwise to change the name. (See also footnote to *Vipera*.)

156. (411) **Coluber melanurus** Schlegel. *Schlegel's Coluber*.
Annandale, J. A. S., Beng., 1905, pp 173 and 175; Boulenger, Cat. Vol. II, 1894, p 60; Sarasin, Zool. Jahr. Jena. 1910, p 145, Sclater, List Sn. Ind. Mus. 1891, p 32.
Lepid.—Subcaudals. 89 to 115.
Distn.—Burma. Tenasserim. (Mergui. Ind. Mus.) *Andamans. Nicobars. Malay Peninsula. Malay Archipelago. Sumatra. Nias. Borneo. Java. China?*
Note.—Malcolm-Smith questions the authenticity of China.
157. (410) **Coluber radiatus** Schlegel. *The Copper-headed Coluber*.
Annandale, J. A. S., Beng., 1905, p 210; Boulenger, Cat. Vol. II, 1894, p 61; Rec. Ind. Mus. 1913, p 358; Sclater, List. Sn. Ind. Mus. 1891, p 32; Wall and Evans, Bomb. N. H. J. Vol. XIII, pp 345 and 614; Wall, Bom. N. H. J. Vol. XVIII, p 327; l. c. Vol. XIX, pp 347. 757a and 825; l. c. Vol. XXIII, p 206.
Length.—2,135 mm. (7 feet). (Rev. C. Leigh, S.J., in a letter to me from Kurseong, 21-7-09.)
Lepid.—Ventrals. 224 to 250. Subcaudals. 85 to 106.
Distn.—Orissa. Cuttack. (Ind. Mus.). Bengal. Backergunj. (Ind. Mus.) Kakina, Rungpore District. Cooch Behar. (Bombay colln.) *Eastern Himalayas. Buxa Dooars. (F. W.) to Sikkim. Assam. As far North as Sadiya. (F. W.) Khasi Hills. Naga Hills. Burma. As far North as Monywa and Mandalay. S. Shan States. Tenasserim. Malay Peninsula. Malay Archipelago. Sumatra. Java. Siam. Including Coastal Islands. Cochin China. China. Southern Provinces and Coastal Islands.*
158. (Nil.) **Coluber leonardi** Wall. *Leonard's Coluber*.
Wall, Bomb. N. H. J. Vol. XXVIII, p 43, l. c. Vol. XXIX, p 467.
Type.—From Sinlum Kaba. Now preserved in the British Museum.
Length.—685 mm. (2 feet, 3 inches). Tail. 113 mm. (4½ inches).
Lepid.—Costals. Two heads-lengths behind the head 19, midbody 19, two heads-lengths before the vent 17. Ventrals. 205 to 223? Anal. divided. Subcaudals. 50 to 56 divided.
Distn.—Burma. Sinlum Kaba (Lat. 24°. Long. 97°5'). *Assam.*
159. (407) **Coluber cantoris** Boulenger. *Cantor's Coluber*.
Coluber reticularis. Boulenger, Faun. Brit. Ind. Rept. 1890, p 332; Sclater, List. Sn. Ind. Mus. 1891, p 31.
Coluber cantoris. Boulenger, Cat. Vol. II, 1894, p 35; Wall, Bomb. N. H. J. Vol. XIX, pp 345 and 898.
Length.—1,372 mm. (4 feet, 6 inches).
Lepid.—Ventrals. 213 to 236. Subcaudals. 65 to 88.
Distn.—*Eastern Himalayas. Nepal to Sikkim. Assam. Garo Hills. Khasi Hills. Burma?*
Note.—The localities Pegu and Ramri Island (Ind. Mus.) seem to me to call for confirmation.
160. (Nil.) **Coluber pavo** (Annandale.) *Annandale's Coluber*.
Ablabes pavo. Annandale, Rec. Ind. Mus. 1912, pp 37, 47 and 53; Prater, Bomb. N. H. J. Vol. XXVI, p 683.
Coluber pavo. Wall, Bomb. N. H. J. Vol. XXVI, p 865.
Type.—From Abor Hills, preserved in the Indian Museum.
Length.—1740 mm. (5 feet, 8½ inches). Tail. 330. mm (1 foot, 1 inch).

Lepid.—Costals. In 21 rows in midbody (not 19). Ventrals. 225 to 238. Subcaudals. 80.

Distn.—Assam. Abor Hills. (Rotung. Ind. Mus. Type.) Burma, Kindat. (Lat. 23°8'. Long. 94°5'. Konglu. Lat. 27°20'. Long. 97°50'. Bombay colln.)

Note.—I find the scales 21 in midbody in the type and two others.

161. (408) **Coluber hodgsoni** (Günther.) *Hodgson's Coluber.*

Boulenger, Cat. Vol. II, 1894, p 35; Sarasin, Zool. Jahr Jena. 1910, p 146; Sclater, List. Sn. Ind. Mus. 1891, p 31.

Length.—1,614 mm. (5 feet, 3½ inches).

Lepid.—Costals. 23 (rarely 21) in midbody. Ventrals. 233 to 247. Subcaudals. 79 to 92.

Distn.—Himalayas. From Ladak and Kashmir (Srinagar. Bombay colln.) to Sikkim. Assam. Garo Hills. (Ind. Mus.)

Note.—Flower very properly questions the authenticity of Hanitsch's record of this species from Singapore.

162. (409) **Coluber tæniurus** (Cope.) *Cope's Coluber.*

Coluber tæniurus. Annandale, Rec. Ind. Mus. 1911, p 217; l. c. 1912, pp 37, 48 and 53; Boulenger, Cat. Vol. II, 1894, p 47; l. c. Vol. III, 1896, p 627; Butler, Bomb. N. H. J. Vol. XII, pp 424 and 425; Sclater, List. Sn. Ind. Mus. 1891, p 31; Venning, Bomb. N.H.J. Vol. XX, p 338; Wall, Bomb. N.H.J. Vol. XIX, p 346.

Length.—1,677 mm. (5 feet, 6 inches).

Lepid.—Ventrals. 230 to 235. Subcaudals. 90 to 107.

Distn.—Eastern Himalayas. Assam. Abor Hills. Burma. Chin Hills. China. Yunnan. (Ind. Mus.) Yangtse Valley to Peking. Formosa. Korea. Manchuria. Amur.

Note.—Stejneger (Herp. Japan 1907, p 319) points out that the specimens from Siam, Malay Peninsula, Borneo, and Sumatra recorded as *tæniurus* conform to a type specifically distinct from this species, viz., *grabowskyi* Fischer. With this opinion I fully concur.

163. (414) **Coluber oxycephalus** Boie. *Boie's Coluber.*

Herpetodryas prasinus. Blyth, Andaman Islanders, p 365; J. A. S., Beng., Vol. XXIII, p 291.

Coluber oxycephalus. Annandale, J. A. S. Beng. 1905, p 175; Boulenger, Cat. Vol. II, 1894, pp 56 and 357; l. c. Vol. III, 1896, p 627; Sarasin, Zool. Jahr. Jena. 1910, p 145; Sclater, List. Sn. Ind. Mus. 1891, p 33; Wall and Evans, Bomb. N. H. J. Vol. XIII, p 614.

Lepid.—Subcaudals. 121 to 157.

Distn.—Eastern Himalayas. Darjeeling (Dist. ? Ind. Mus.). Burma. Pegu. (Ind. Mus.) Tenasserim. Andamans. Nicobars. Malay Peninsula. Siam. Peninsula N. of Kra. (Malcolm-Smith) Malay Archipelago. Borneo. Java. Philippines.

164. (406) **Coluber helena** Daudin. *Daudin's Coluber, or the Trinket Snake.*

Boulenger, Cat. Vol. II, 1894, pp 36 and 357; Ferguson, Bomb. N. H. J. Vol. X, p 72; Pearlless, Spol. Zeylan. 1909, p 54; Sarasin, Zool. Jahr. Jena. 1910, p 130; Sclater, List. Sn. Ind. Mus. 1891, p 31; Wall, Bomb. N. H. J. Vol. XVI, p 394; l. c. Vol. XIX, p 757; l. c. Vol. XXII, p 22; l. c. Vol. XXVI, p 566; Spol. Zeylan. 1921, p 399; Oph. Tap. 1921, p 197; Willey, Spol. Zeylan. 1906, p 233.

Length.—1,601 mm. (5 feet, 3 inches).

Lepid.—Ventrals. 217 to 265. Subcaudals. 73 to 100.

Distn.—Ceylon. Peninsular India. To Sind in the North-West, and Jalpaiguri Dist. in the North-East. *Western Himalayas*. Almora District. (F. W.) *Assam*. Naga Hills. (Samaguting. Ind. Mus.)

Genus—DENDROPHIS Boie.

165. (420) **Dendrophis caudolineolatus** Günther. *Günther's Bronze-back*.

Dendrophis caudolineolatus. *Boulenger, Cat. Vol. II, p 85; Ferguson, Bomb. N. H. J. Vol. X, 1895, p 72; Sarasin, Zool. Jahr. Jena. 1910, p 128; Wall, Rec. Ind. Mus. Aug. 1921, p 151; Rec. Ind. Mus. Aug. 1921, p 218.*

Dendrophis caudolineolatus. *Wiley, Spol. Zeylan, 1903, p 86; l. c. 1906, p 233.*

Length.—876 mm. (2 feet, 10½ inches).

Lepid.—Ventrals. 149 to 164. Subcaudals. 119 to 128.

Distn.—S. India. Ramnad (Ind. Mus.). Travancore. (Ferguson.) *Ceylon*.

Note.—I have examined all the Indian specimens referred to.

166. (Nil.) **Dendrophis effrenis** Werner. *Werner's Bronze-back*.

Dendrophis effrenis. *Werner, Rept. Nat. Hist. Mus., Hamburg, 1909, p 221; Wall, Rec. Ind. Mus. Aug. 1921, p 152; Oph. Tap. 1921, p 219.*
Type.—From Ceylon. Preserved in the Hamburg Natural History Museum.

Length.—884 mm. (2 feet, 10¾ inches).

Lepid.—Costals. In 13 rows in midbody. Ventrals. 175. Subcaudals. 129. Loreal. none.

Distn.—Ceylon. Acquired from Mr. John Hagenback, said to be from Colombo.

Note.—May prove to be an example of *D. caudolineolatus* aberrant in that it has no loreal, as I have seen a specimen with the loreal confluent with the praefrontal on one side. *Boulenger (Cat. Vol. III, p 630)* records a similar anomaly in a specimen of *D. tristis*.

167. (Nil.) **Dendrophis gorei** Wall. *Gore's Bronze-back*.

Dendrophis pictus. *Slater, List. Sn. Ind. Mus. 1891, p 34 (part Nos 3945, 4042, 7703, 7705, 7707 and 7736).*

Dendrophis gorei. *Annandale, Rec. Ind. Mus. 1912, pp 37, 48 and 53 (part No 16871 from Kobe); Wall, Bomb. N. H. J. Vol. XIX, p 829; l. c. Vol. XXII, p 639; Rec. Ind. Mus. Aug. 1921, p 153.*

Types.—From Namsang, Jaipur at the base of the Naga Hills. Preserved in the British Museum.

Length.—825 mm. (2 feet, 8½ inches).

Lepid.—Costals. In 13 rows in midbody. Ventrals. 187 to 199. Anal. divided. (Rarely entire.) Subcaudals. 139 to 153.

Distn.—*Eastern Himalayas*. Darjeeling Dist. (Nos 7703, 7705, 7736. Ind. Mus.). *Assam*. Kobe. Abor Expedn. (No 16871. Ind. Mus.) Dibrugarh (F. W.). Sibsagar (No 4042. Ind. Mus.). Garo Hills (No 3945. Ind. Mus.), Naga Hills. (Jaipur, F. W. Samaguting. No 7707 Ind. Mus.) *Burma*. S. Shan States (Taunggyi. Bombay colln.).

168. (417) **Dendrophis pictus** (Gmelin) *Gmelin's Bronze-back*.

Dendrophis pictus. *Annandale, J. A. S., Beng., 1905, pp 174 and 175; Blyth, Andaman Islanders, pp 365 and 366; Boulenger, Cat. Vol. II, 1893, pp 78 and 358; Sarasin, Zool. Jahr. Jena. 1910, p 131;*

Sclater, List. Sn. Ind. Mus. 1891, p 34 (part, Nos 4074, 4483, 4484, 4485, 4486, 4487, 4489, 4490, 4491, 4492, 4493, 4494, 7682; 7683, 7686, 7687, 7691, 7692, 7696, 7698, 7700, 7701, 7704, 7706, 7709, 7710, 7711, 7712, 7714, 7718, 7734, 7735 7886, 8614, 8886, 8894, 8897, 8898, 12542); *Wall and Evans, Bomb. N. H. J. Vol. XIII*, pp 345 and 615; *Wall, Bomb. N. H. J. Vol. XVIII*, p 189; *l. c. Vol. XIX*, pp 347, 787 and 827; *l. c. Vol. XXV*, p 509; *Rec. Ind. Mus. Aug.* 1921, p 153.

Dendrophis gori. Annandale, Rec. Ind. Mus. 1912, pp 37, 48 and 53 (part, Nos 16836 and 16993).

Length.—1,220 mm. (4 feet).

Lepid.—Costals. In 15 rows in midbody. Ventrals. 173 to 211. Subcaudals. 119 to 164.

Distn.—*Western Himalayas?* Kathgodam. (F. W.) (Stoliczka.). *Eastern Himalayas.* Sikkim. Assam, Plains and Hills. *Burma.* As far North as Sima. (Lat. 25°. Long. 96°. Bombay colln.) S. Shan States. (Taunggyi. Bombay colln.) Tenasserim. *Andamans. Nicobars. Malay Peninsula. Siam. Indo-China. China?* (Hongkong. ? F. W.) *Malay Archipelago.* Sumatra. Further East to Philippines.

Note.—It is not certain whether it is this snake or *D. tristis*, Stoliczka refers to from the Western Himalayas, and there is a similar doubt with regard to the specimen I encountered at Kathgodam.

169. (416) ***Dendrophis grandoculis*** Boulenger. *Beddome's Bronze-back.*

D. grandoculis. Boulenger, Cat. Vol. II, 1893, p 84; *Ferguson, Bomb. N. H. J. Vol. X*, p 72; *Sarasin, Zool. Jahr. Jena.* 1910, p 138; *Wall, Rec. Ind. Mus. Aug.* 1921, p 156.

Lepid.—Costals. In 15 rows. Ventrals 167 to 188.

Distn.—*Hills of S. India.* South of the Goa gap. Tinnevely. Travancore. (Brit. Mus.). Nilgiris. (Kollengode. Bombay colln.) Wynad. (Brit Mus.).

170. (Nil.) ***Dendrophis proarchus*** Wall. *Wall's Bronze-back.*

Dendrophis pictus. Sclater, List. Sn. Ind. Mus. 1891, p 34 (part Nos 3998, 4046, 6909, 7680, 7713, 7717, 11368); *Wall, Bomb. N.H.J. Vol. XVII*, p 189.

D. proarchos. Wall, Bomb. N. H. J. Vol. XIX, pp 827 and 898; *Rec. Ind. Mus. Aug.* 1921, p 157.

Types.—From Upper Assam, in the Bombay Natural History Museum. *Length.*—1,296 mm. (4 feet, 3 inches).

Lepid.—Costals, 15 in midbody. Ventrals. 181 to 196. Subcaudals. 141 to 157. Anal. Entire.

Distn.—*N. E. India.* Upper Godavery Dist. (No 6909. Ind. Mus.) *Bengal.* Jalpaiguri Dist. (F. W.). *Chittagong* (F. W.) *Assam.* As far North as Sadiya. Sibsagar. Narainpur. Silchar. N. Cachar. Garo Hills. Naga Hills. (Ind. Mus.) *Burma.* Ramri Island, Arrakan. (Ind. Mus.). Upper Burma. (F.W.)

171. (419) ***Dendrophis bifrenalis*** Boulenger. *Boulenger's Bronze-back.*

Dendrophis bifrenalis. Abercromby, Spol. Zeylan. 1911, pp 205 and 207; *Boulenger, Cat. Vol. II.* 1893, pp 80 and 358; *Ferguson, Bomb. N.H.J. Vol. X*, p 72; *Sarasin, Zool. Jahr. Jena.* 1910, p. 128; *Wall, Bomb. N. H. J. Vol. XXII*, p 639; *Spol. Zeylan.* 1921, pp 399 and 406; *Rec. Ind. Mus. Aug.* 1921, p 158; *Oph. Tap.* 1921, p 215; *Willey, Spol. Zeylan.* 1904, p 116.

Lepid.—Ventrals. 154 to 176. Subcaudals. 144 to 165.

Distn.—*Western Ghats*. South of the Palghat gap. Travancore. (Ind. Mus. F. W.) *Ceylon*.

Genus—DENDRELAPHIS *Boulenger*.

172. (Nil.) **Dendrelaphis biloreatus** Wall. *The Biloreate Bronze-back*.

Wall, Bomb. N. H. J. Vol. XVIII, p 273; l. c. Vol. XIX, p 830; Rec. Ind. Mus. Aug. 1921, p 159.

Type.—From Sadiya, now in the British Museum.

Length.—699 mm. (2 feet, 3½ inches).

Lepid.—Costals. 13 in midbody. Ventrals. 192. Anal. Divided. Subcaudals. 147.

Distn.—*Assam*. Sadiya, on the North Bank of the Bramaputra.

173. (418) **Dendrelaphis subocularis** (Boulenger.) *Fea's Bronze-back*.

Dendrelaphis subocularis. Boulenger, Cat. Vol. II, p 89; Malcolm Smith, Bomb. N. H. J. 1915, p 785; Wall, Rec. Ind. Mus. Aug. 1921, p 159.

Dendrophis subocularis. Sclater, List. Sn. Ind. Mus. 1891, p 35.

Lepid.—Ventrals. 157 to 188.

Distn.—*Burma*. Bhamo. *Siam*. Fat Bua Kao. Bangkok. (Bombay colln.) Den Chai, Bangtophan, Sriracha-Koh-Lam Island. (Malcolm-Smith.) *Indo-China*. (Pavie Mission.)

174. (417) **Dendrelaphis tristis** (Daudin.) *Seba's Bronze-back*.

Dendrophis pictus. Abercromby, Spol. Zeylan. Vol. IX, p 146; Sn. of Ceylon, 1910, pp 45, 48 and 75; Annandale, Mem. A.S., Beng., Vol. I, p 194; Boulenger, Cat. Vol. II, 1893, p 337 (part.); D'Abreu, Bom. N. H. J. Vol. XXV, p 306; Ferguson, Bomb. N. H. J. Vol. X, p 73; Green, Spol. Zeylan. 1906, p 220; Luard, B. N. H. Vol. XXV, p 306; Sclater, List. Sn. Ind. Mus. 1891, p 34 (part. Nos 7684, 7685, 7715, 7716, 7720, 7721 and 12952); Wall, Bomb. N. H. J. Vol. XVI, p 301; Willey, Spol. Zeylan. Vol. I, p 117; l. c. 1906, p 233.

Dendrelaphis tristis. Boulenger, Cat. Vol. II, 1893, pp 88 and 358; l. c. Vol. III, p 630; Luard, Bomb. N.H.J. Vol. XXV, p 306; Sarasin, Zool. Jahr. Jena. 1910, p 131; Wall, Bomb. N. H. J. Vol. XIX, pp 347, 757 and 776; l. c. Vol. XXVI, p 567; Spol. Zeylan. 1921, p 406; Rec. Ind. Mus. Aug. 1921, p 160; Oph. Tap. 1921, l. c. 1910 p 35, l. c. 1921 p 221.

Length.—1,320 mm. (4 feet, 4 inches).

Lepid.—Ventrals. 163 to 205. Subcaudals. 110 to 150.

Distn.—*Ceylon. Peninsular India*. As far North as Sind (Brit. Mus.). *Bengal*. Jalpaiguri Dist. Kalna. (F. W.) *Eastern Himalayas*. Darjeeling Dist. *Burma*. Mergui (Nos. 7684 and 7685. Ind. Mus.).

174. (421) **Dendrelaphis caudolineatus** (Gray.) *Gray's Bronze-back*.

Note.—The occurrence of this species in India rests on the authority of Beddome. Two specimens in the British Museum are labelled "Wynad", donor Colonel Beddome. I discredit this locality for reasons stated in my note to *Natrix parallelus*.

Genus.—CORONELLA *Laurenti*.

175. (374) **Coronella brachyura** (Günther.) *Leith's Smooth Snake*.

Coroneilla brachyura. Boulenger, Cat. Vol. II, 1893, p 206; Sarasin Zool. Jahr. Jena. 1910, pp 140 and 145.

Length.—545 mm. (1 foot, 9½ inches).

Lepid.—Ventrals. 200 to 224. Subcaudals. 45 to 53.
Distn.—*Peninsular India*. Poona District. (No 11410. Ind. Mus.)
 Berar. (Wun. Lat. 20°. Long. 79°. No 7335. Ind. Mus.)
Note.—I have examined all the three known specimens.

Genus.—OLIGODON * Boie.

176. (385) *Oligodon planiceps* (Boulenger.) *Boulenger's Kukri Snake*.
Simotes planiceps. *Boulenger, Cat. Vol. II, p 232* ; *Sclater, List. Sn. Ind. Mus.* 1891, p 25.
Lepid.—Ventrals. 132 to 142. Subcaudals. 22 to 27.
Distn.—*Burma*. Minhla. (Lat. 20°. Long. 95°.)
Note.—A specimen in the Indian Museum is dubiously from Upper Burma or Yunnan.
177. (Nil.) *Oligodon herberti* Boulenger. *Hampton's Kukri Snake*.
Boulenger, Bomb. N. H. J. Vol. XVI, p 235. Wall. Bomb. N. H. J. Vol. XXVIII, p 44 ; l. c. Vol. XXIX, p 467.
Type.—In the British Museum from Mogok, Ruby Mines. *Burma*.
Length.—560 mm. (1 foot, 10 inches).
Lepid.—Costals. In 13 rows in the whole body length. Ventrals. 186 to 208. Subcaudals. 37 to 40.
Distn.—*Burma*. N. Shan States. (Mogok.) Sinlum Kaba. (Lat. 24°. Long. 97·5°. Bombay colln.)
178. (Nil.) *Oligodon mcdougalli* Wall. *McDougall's Kukri Snake*.
Wall, Bomb. N. H. J. Vol. XVI, p 251.
Type.—From Sandoway, in the British Museum.
Length.—350 mm. (1 foot, 1½ inches).
Lepid.—Costals. 13 in the whole body length. Ventrals. 200. Anal. Divided. Subcaudals. 39, in pairs. Nasal. Entire. Loreal. Absent. Postocular. One.
Distn.—*Burma*. Sandoway.
179. (384) *Oligodon torquatus* (Boulenger.) *Fea's Kukri Snake*.
Simotes torquatus. *Boulenger, Cat. Vol. II, p 232.*
Length.—292 mm. (11½ inches).
Lepid.—Ventrals, 150 to 153 (144 to 159, Boulenger.)
Distn.—*Burma*. Between Lat. 24° and 26°, and East of Long. 96°. Bhamo. (Brit. Mus.) Myitkyina. (F. W.)
Note.—I have seen four specimens including the types. I count the ventrals in the types 153 and 150, and the subcaudals 31 and 29.
180. (Nil.) *Oligodon erythrorhachis* Wall. *The Red-spined Kukri Snake*
Wall, Bomb. N. H. J. Vol. XIX, p 923.
Type.—From Jaipur, Assam in the British Museum.
Length.—375 mm. (1 foot, 2¾ inches).
Lepid.—Costals. 15 to behind midbody, 13 two heads-lengths before vent. Ventrals. 154. Anal. Divided. Subcaudals. 46 to 64 ? divided. Nasal. Entire. Loreal. Absent. Temporal. One. Supralabials. 7, the 3rd and 4th touching the eye, 6th reaching edge of lip.
Distn.—*Assam*. Jaipur (Namsang at the foot of the Naga Hills).

* In the Bombay Natural History Journal Vol. XIX. (Footnote, page 556) I have shown that the separation of the genus *Simotes* from *Oligodon* was based on faulty observations on the part of Günther, and later Boulenger. I can find no differences between the two of sufficient value to warrant their separation, and *Oligodon* has precedence dating from 1827. (*Simotes* Dumeril and Bibron, 1853).

181. (390) *Oligodon dorsalis* (Gray.) *Gray's Kukri Snake*.
Boulenger, Cat. Vol. II, 1894, p 241; Sclater, List. Sn. Ind. Mus. 1891, p 25; Venning, Bomb. N. H. J. Vol. XX, pp 338 and 772; Wall, Bomb. N. H. J. Vol. XVIII, p 327.
Length.—508 mm. (1 foot, 8 inches).
Lepid.—Ventrals. 162 to 188. Subcaudals. 27 to 51.
Distn.—*Eastern Bengal. Chittagong Hills. Assam. Garo Hills. (Ind. Mus.) Khasi Hills. Naga Hills. Burma. Chin Hills. (Mansi Lat. 24°8'. Long. 97°6'. Bombay colln.)*
Note.—*Calmaria catenata*. Blyth, (J. A. S., Beng., XXIII, 1854, p 287) may prove to be this snake. I have known a specimen where the costals reduced to 13 at midbody.
182. (391) *Oligodon templetoni* Günther. *Templeton's Kukri Snake*.
O. templetoni. Abercromby, Sn. of Ceylon, 1910, p. 73; Boulenger, Cat. Vol. II, 1894, pp 241 and 359; Sarasin, Zool. Jahr. Jena. 1910, p 127; Wall, Spol. Zeylan. 1921, p 400; Oph. Tap. 1921, p 245; Willey, Spol. Zeylan. 1906, p 233.
Length.—292 mm. (11½ inches).
Lepid.—Ventrals. 127 to 152. Subcaudals. 20 to 34.
Distn.—*Ceylon.*
183. (392) *Oligodon sublineatus* Dumeril and Bibron. *Dumeril's Kukri Snake*.
O. sublineatus. Abercromby, Sn. of Ceylon, 1910, p 72; Spol. Zeylan. 1911, p 206; Annandale, J. A. S., Beng., 1905, p 175; Boulenger, Cat. Vol. II, 1894, p 242; l. c. Vol. III, 1896, p 640; Pearlless, Spol. Zeylan. 1909, p 54; Sarasin, Zool. Jahr. Jena. 1910, p 134; Sclater, List. Sn. Ind. Mus. 1891, p 25; Wall, Spol. Zeylan. 1910, p 37; l. c. 1921, p 400; Oph. Tap. 1921, p 248; Willey, Spol. Zeylan. 1906, p 233.
Lepid.—Ventrals. 134 to 161. Subcaudals. 23 to 37.
Distn.—*Ceylon.*
Note.—I have examined de Roepstorff's specimen in the Indian Museum, and can confirm the identification, but I doubt the reported locality (Nicobars). See note to *Polyodontophis sagittarius*.
184. (393) *Oligodon ellioti* Günther. *Elliot's Kukri Snake*.
Boulenger, Cat. Vol. I, 1894, p 242; Sarasin, Zool. Jahr. Jena. 1910, p 138; Wall, Bomb. N. H. J. Vol. XIX, p 533.
Length.—343 mm. (1 foot, 1½ inches).
Lepid.—Ventrals. 149 to 152. Subcaudals. 29 to 31.
Distn.—*S. India. No precise locality. Ceylon? (Bombay. colln.)*
Note.—Confirmation of the latter locality is desired before acceptance.
185. (394) *Oligodon taeniolatus* (Jerdon.) *The Variegated Kukri Snake*.
O. subgriseus. Boulenger, Cat. Vol. II, 1894, p 243; Ferguson, Bomb. N. H. J. Vol. X, p 71; Millard, Bomb. N. H. J. Vol. XV, p 348; Pearlless, Spol. Zeylan. 1909, p 54; Sarasin, Zool. Jahr. Jena. 1910, p 130; Sclater, List. Sn. Ind. Mus. 1891, p 25; Wall, Bomb. N. H. J. Vol. XVI, p 298; l. c. Vol. XIX, p 556; l. c. Vol. XXVI, p 568; Spol. Zeylan. 1921, p 406; Willey, Spol. Zeylan. 1906, p 233.
O. taeniolatus. Wall, Oph. Tap. 1921, p 239.
Length.—584 mm. (1 foot, 11 inches).
Lepid.—Subcaudals. 29 to 56.

Distn.—Ceylon. *Peninsular India*. To Sind, Baluchistan, and N. W. Frontier. In the North-East to Bengal. (Karagola, Purnea Dist. Ind. Mus.) *Western Himalayas*. Garhwal Dist. (Dhikala. Ind. Mus.)
Note.—Jerdon (J. A. S., Beng., Vol. XXII, 1853, p 529) describes a snake under the name *Coronella taeniolata* which is clearly this species. Costals 15, ventrals 185, subcaudals 41, which he says "is common at Madras," and he cites Plate XIX of Russell's first volume as the snake he alludes to.

186. (Nil) **Oligodon melaneus** Wall. *Wall's Kukri Snake*.
Wall, Bomb. N. H. J. Vol. XIX, p 349.
Type.—From Sukna, in the British Museum. Co-type in the Bombay Natural History Society's collection.
Length.—333 mm. (1 foot, 1 $\frac{1}{8}$ inches).
Lepid.—Costals. 15 in the whole body length. Ventrals. 152 to 159. Anal. Divided or entire. Subcaudals. 40 to 42, divided.
Distn.—*Eastern Himalayas*. Sikkim. (Sukna.)
187. (389) **Oligodon brevicauda** Günther. *The Short-tailed Kukri Snake*.
Boulenger, Cat. Vol. II, 1894, p 240; Ferguson, Bomb. N. H. J. Vol. X, p 71; Sarasin, Zool. Jahr. Jena. 1910, p 138.
Distn.—*Western Ghats*. South of the Goa gap. Nilgiris. Anamalais. Travancore.
188. (378) **Oligodon violaceus** (Cantor.) *The Violaceous Kukri Snake*.
Simotes violaceus. Boulenger, Cat. Vol. II, 1894, p 222; l. c. Vol. III, 1896, p 640; Sclater, List. Sn. Ind. Mus. 1891, p 23; Wall and Evans, Bomb. N. H. J. Vol. XIII, pp 350 and 618; Wall, Bomb. N. H. J. Vol. XII, pp 672 and 766; l. c. Vol. XIX, p 831.
Lepid.—Ventrals. 157 to 182 (196, Boulenger.) Subcaudals. 29 to 42.
Distn.—*Eastern Himalayas. Eastern Bengal. Chittagong Hills. Assam. Nazira. (Ind. Mus.) Baroi. Tinsukia. (F. W.) Khasi Hills. Naga Hills. Burma. As far North as Mansi. (Lat. 24°7'. Long. 95°7'.) Manipur. Arakan Hills. S. Shan States. (Taunggyi.) Tenasserim. Siam. Peninsula North of Kra. Indo-China. Camboja. China. Southern Provinces, and South Coastal Islands.*
Lepid. Costals. Rarely in 19 rows.
189. (382) **Oligodon theobaldi** (Günther.) *Theobald's Kukri Snake*.
Simotes beddomii. Boulenger, Cat. Vol. II, 1894, p 229; Sarasin, Zool. Jahr. Jena. 1910, p 138; Wall, Bomb. N. H. J. Vol. XXII p 170.
Simotes theobaldi. Boulenger, Cat. Vol. II, 1894, p 230; Sclater, List. Sn. Ind. Mus. 1891, p 24; Wall and Evans, Bomb. N. H. J. Vol. XIII, pp 350 and 618; Wall, Bomb. N. H. J. Vol. XVIII, p 783; l. c. Vol. XXIII, p 170.
Lepid.—Ventrals. 164 to 180; Subcaudals. 30 to 42.
Distn.—*Assam. Garo Hills. (Tura. Bombay colln.) Burma. As far North as Myitkyina. (Bombay colln.) To Tenasserim. (Mergui. Ind. Mus.)*
Note—Wynad on the authority of Beddome (Types of *beddomei*) must be discredited for reasons cited in the note to *Natrix parallelus*. Karachi (No. 11712, Ind. Mus.) is also untrustworthy.

190. (380) **Oligodon arnensis** (Shaw.) *The Common Kukri Snake*.
Simotes arnensis. *Abercromby, Sn. of Ceylon*, 1910, p 72; *Boulenger, Cat. Vol. II*, 1894, pp 229 and 359; *Ferguson, Bomb. N. H. J. Vol. X*, p 71; *Sarasin, Zool. Jahr. Jena*, 1910, p 130; *Sclater, List. Sn. Ind. Mus.* 1891, p 24; *Wall, Bomb. N. H. J. Vol. XVIII*, p 115; *l. c. Vol. XIX*, p 532; *l. c. Vol. XXII*, p 749; *Willey, Spol. Zeylan.* 1906, p 233.
Oligodon arnensis. *Wall, Spol. Zeylan.* 1921, p 400; *Oph. Tap.* 1921, p 231.
Length.—700 mm. (2 feet and $\frac{3}{8}$ of an inch).
Lepid.—Ventrals. 164 to 202.
Distn.—*Ceylon. Peninsular India*. To Dera Ghazi Khan. (Bombay colln.) *N. W. Frontier*. (Bannu. F. W.) *Western Himalayas*. Almora Dist. (F. W.) *Eastern Himalayas*. Nepal to Sikkim.
191. (383) **Oligodon cruentatu** (Günther.) *The Crimson-tailed Kukri Snake*
Simotes cruentatus. *Boulenger, Cat. Vol. II*, p 231; *Sclater, List. Sn. Ind. Mus.* 1891, p 24; *Wall and Evans, Bomb. N. H. J. Vol. XIII*, pp 349 and 617.
Length.—387 mm. (1 foot, $3\frac{1}{4}$ inches).
Distn.—*Burma*. As far North as Bhamo, and South as Rangoon.
Note.—*Stoliczka's* record of a specimen from Penang I discredit.
192. (Nil.) **Oligodon erythrogaster** Boulenger. *The Red-bellied Kukri Snake*.
Simotes octolineatus. *Günther, P. Z. S.* 1861, p 216; *Rept. Brit. Ind.* 1864, p. 206.
Oligodon erythrorhachis. *Annandale, Rec. Ind. Mus.* 1912, p 48.
Oligodon erythrogaster. *Boulenger, Rec. Ind. Mus.* 1907, p 217; *Wall, Bomb. N. H. J. Vol. XIX*, p 1000. *l. c. Vol. XXII*, p 639.
Type.—From Nagarcoil, Nepal, in the Indian Museum.
Length.—510 mm. (1 foot, $8\frac{1}{8}$ inches).
Lepid.—Costals. In 17 rows to behind midbody, 15 or 13—two head-lengths before the vent. Ventrals. 163 to 186. Anal. Divided. Subcaudals. 42 to 59, divided. Nasal. Entire. Loreal. Absent. Temporal. One (rarely two). Supralabials. 7, the 3rd and 4th touching the eye, 6th cuneate, not reaching edge of lip.
Distn.—*Eastern Himalayas*. Nepal to Sikkim (Tindharia. F. W.) *Assam*. Abor Hills.
Note.—I have now seen six specimens including the type.
193. (387) **Oligodon travancoricus** Beddome. *Beddome's Kukri Snake*.
Boulenger, Cat. Vol. II, 1894, p 236; *Ferguson, Bomb. N. H. J. Vol. X*, p 71; *Sarasin, Zool. Jahr. Jena*, 1910, p 138; *Wall, Bomb. N. H. J. Vol. XXIII*, p 169.
Lepid.—Ventrals. 145 to 155.
Distn.—*Western Ghats*. South of the Palghat gap. Travancore. (High Range.) Tinnevely.
Note.—In 1914 (Bomb. N. H. J. Vol. XXIII, p 169) I questioned the validity of this species apart from *venustus*. My doubts were based on a study of external characters. Since then I have acquired one skull, a comparison of which with my seven skulls of *venustus* supports Boulenger's view. Maxillary. *Venustus* 7 to 8 (8 usually); *travancoricus*. 7. Palatine. *venustus* 0 to 3; *travancoricus* 0. Pterygoid. *venustus* 4 to 8; *travancoricus* 12. Mandibular. *venustus* 9 to 11; *travancoricus* 8

194. (386) *Oligodon venustus* Jerdon. *Jerdon's Kukri Snake.*

Boulenger, Cat. Vol. II. 1894, p 235; *Sarasin, Zool. Jahr. Jena.* 1910, p 138; *Wall, Bomb. N. H. J. Vol. XXIII,* p 169; *l. c. Vol. XXVI,* p 567.

Length.—495 mm. (1 foot, 7½ inches).

Lepid.—Ventrals. 138 to 165. Subcaudals. 27 to 36.

Distn.—*Western Ghats.* South of the Goa gap. Wynad. Nilgiris. Palnis. Cochin. Travancore.

195. (Nil.) *Oligodon melanozonatus* Wall.

O. erythrorrhachis. *Annandale. Rec. Ind. Mus.* 1912, p 48.

O. melanozonatus. *Wall. Rec. Ind. Mus. Vol. XXIV,* p 29.

Type.—No 16799 in the Indian Museum from Upper Rotung Valley, Abor Hills, Assam Frontier. Co-type No 16798 Ind. Mus.

Length.—513 mm (1 foot, 8¼ inches).

Lepid.—Costals. Two heads-lengths behind the head 17, midbody 17, two heads-lengths before the vent 15. Ventrals. 171 to 173.

Anal. Divided. Subcaudals. 42 to 45, divided. Loreal. Absent.

Distn.—*Assam.* Abor Hills beyond the Frontier.

196. (388) *Oligodon affinis* Günther. *Günther's Kukri Snake.*

O. affinis. *Boulenger, Cat. Vol. II,* 1894, p 236; *Ferguson, Bomb. N. H. J. Vol. X,* p 71; *Sarasin, Zool. Jahr. Jena.* 1910, p 138; *Wall, Bomb. N. H. J. Vol. XXVI,* p 568.

Lepid.—Subcaudals. 23 to 36.

Distn.—*Western Ghats.* South of Goa gap. Wynad to Travancore (High Range. Ferguson).

(381) *Oligodon beddomei* Boulenger.

Note.—See *Oligodon theobaldi.*

Oligodon octolineatus (Schneider.)

Note.—This I feel certain does not occur within Indian limits. Anamalais on the authority of Colonel Beddome is to be discredited. See note to *Natrix parallelus.*

197 (Nil.) *Oligodon woodmasoni* (Slater.) *Wood-Mason's Kukri Snake.*

Simotes woodmasoni. *Annandale, J. A. S., Beng.,* 1905, pp 173 and 175; *Boulenger, Cat. Vol. II,* 1894, p 223; *Slater, List Sn. Ind. Mus.* 1891, p 24.

Lepid.—Subcaudals. 46 to 57. Loreal. Absent on both sides in specimen No 8459, and absent on the right side in No 12547 of the Indian Museum.

Distn.—*Andamans. Nicobars.*

Note.—I have examined both the co-types in the Indian Museum. The 3rd labial is divided in both, and the upper part, and the 4th touch the eye. Ventrals. 180 in both. Subcaudals. 54 in No 12547; 48 (tail slightly incomplete) in No 8459.

198. (Nil.) *Oligodon juglandifer* (Wall.) *The Large-spotted Kukri Snake.*

Simotes albocinctus. (part) *Boulenger, Cat. Vol. II,* 1894, p 220 (*part. Var. C.*).

Simotes juglandifer. *Wall, Bom. N. H. J. Vol. XX,* p 1162.

Type.—In the Bombay Natural History Society's collection. From Tindharia, Darjeeling District.

Length.—717 mm. (2 feet, 4¼ inches).

Lepid.—Costals. 19 in midbody. Ventrals. 162 to 208. Anal. Entire. Subcaudals. 53 to 68.

Distn.—*Eastern Himalayas.* Nepal to Sikkim. *Assam.* Khasi Hills. (Brit. Mus.).

199. (377) **Oligodon albocinctus** (Cantor.) *The Light-barred Kukri Snake.*

Simotes albocinctus. *Annandale, Rec. Ind. Mus.* 1912, pp 37, 48 and 53; *Boulenger, Cat. Vol. II*, 1894, p 220 (part, *Var. A. and B.*), *Rec. Ind. Mus.* 1913, p 338; *Evans, Bomb. N. H. J. Vol. XVI*, p 169; *Sclater, List Sn. Ind. Mus.* 1891, p 23; *Venning, Bomb. N. H. J. Vol. XX*, p 338; *Wall, Bomb. N. H. J. Vol. XIX*, pp 348, 757a, 830 and 898; *l. c. Vol. XXII*, p 756.

Length.—864 mm. (2 feet, 10 inches).

Lepid.—Ventrals. 177 to 208. Subcaudals. 47 to 69.

Distn.—*Bengal.* Rangpur District. (Kaligang. Ind. Mus.) *Chittagong Hills.* *Eastern Himalayas.* Buxa Dooars to Sikkim. *Assam.* Plains and Hills. *Burma.* As far North as Simla. (Lat. 25° 2'. Long. 97°. Bombay colln.) *Kachin Hills.* Manipur. *Chin Hills.* Arakan Hills.

200. (376) **Oligodon purpurascens** (Schlegel.) *Schlegel's Kukri Snake.*

Simotes purpurascens. *Boulenger, Cat. Vol. II*, 1894. p 219.

Simotes cyclurus. *Boulenger, Cat. Vol. II*, 1894, p 219; *Sclater, List. Sn. Ind. Mus.* 1891, p 22; *Wall and Evans, Bomb. N. H. J. Vol. XIII*, pp 350 and 617; *Wall, Bomb. N. H. J. Vol. XVIII*, p 780; *l. c. Vol. XIX*, p 348.

Length.—865 mm. (2 feet, 10 inches) (Malcolm-Smith).

Lepid.—Ventrals. 159 to 195 (156 to 210. Boulenger). Subcaudals. 40 to 60.

Distn.—*Bengal.* Purnea Dist. Rangpur Dist. Jalpaiguri Dist. Calcutta. (Ind. Mus.) *Eastern Himalayas.* *Assam.* Garo Hills. (Ind. Mus.) Khasi Hills (F. W.) *Burma.* Manipur. (F. W.) S. Shan States. (Taunggyi, Kalaw.) Plains South of Lat. 21°. Karen Hills. Diamond Island (Ind. Mus.). Tenasserim. *Malay Peninsula.* (Stoliczka). *Malay Archipelago.* Sumatra. (Flower.) *Siam and Coastal Islands.* *Indo-China.* *Cochin-China.* *China.* In the South. Hongkong (Specimen so labelled in City Hall. Museum. F. W.)

201. (375) **Oligodon splendidus** (Günther.) *The Ornate Kukri Snake.*

Simotes splendidus. *Boulenger, Cat. Vol. II*, 1894, p 217; *Evans, Bomb. H. N. J. Vol. XVI*, p 362; *Sarasin, Zool. Jahr. Jena.* 1910, p 142; *Venning, Bomb. N. H. J. Vol. XXIII*, p 164; *Wall and Evans, Bomb. N. H. J. Vol. XIII*, p 537; *Wall, Bomb. N. H. J. Vol. XVIII*, p 781; *Rec. Ind. Mus. Vol. II*, p 105.

Length.—730 mm. (2 feet, 4½ inches).

Lepid.—Ventrals. 169 to 193. Subcaudals. 35 to 47.

Distn.—*Burma.* Between Lat. 20° and 23° and Long. 94° and 98°. Yamethin. (Wall and Evans.) Sagaing. (Evans.) Pyawbwe. (Venning.) Shwebo, Monywa, Mandalay. (Bom. colln.) N. Shan States. (Ruby Mines. Evans) S. Shan States. (Kyaukse and Pakokku. Ind. Mus.).

Note.—The locality of the type, presented by Beddome to the British Museum (Wynad) is to be discredited. All the other preserved specimens are from Burma. See note to *Natrix parallelus*.

Genus.—*CONTIA* Baird and Girard.

202. (Nil.) **Contia persica** (Anderson). *Anderson's Contia*.
Cyclophis persicus. *Anderson, P. Z. S.* 1872, p 392. *Blanford, Zool. E. Persia.* 1876, p 408.
Pseudocyclophis persicus. *Boettger, Zool. Jahrb.* 1888. III p 922.
Contia persica. *Boulenger, Cat. Vol. II.* 1894, p 263. *Ingoldby, Bomb. N. H. J. Vol. XXIX,* p 129. *Wall, Bomb. N. H. J. Vol. XVIII,* p 801.
Contia angusticeps. *Annandale, Bom. N. H. J. Vol. XVIII,* p 801. *J. A. S. Bengal.* 1904, p 208. *Boulenger, Cat. Vol. II.* 1894, p 262. *Ingoldby, Bomb. N. H. J. Vol. XXIX,* p 129. *McMahon, Bomb. N. H. J. Vol. XIV,* p 181. *Wall, Bomb. N. H. J. Vol. XVIII,* p 501.
Contia walteri. *Bomb. N. H. J. Vol. XX,* p 1037.
Lepid.—Loreal. Sometimes absent. Costals. Two heads-lengths behind head 15, midbody 15, two heads-lengths before vent 15 or 13. Venturals. 185 to 214. Subcaudals. 63 to 82.
Distn.—*Persia. Baluchistan.* Cherat. (No. 13680. Ind. Mus.) *N. W. Frontier.* Malakand. Parachinar (Bombay colln.) *Western Himalayas.* Murree. (Bombay colln.)
Note.—In an anomalous specimen from Malakand in the Bombay collection, the fourth costal row above the venturals divides and blends several times so that the rows count 17 in places.
203. (360) **Contia walteri** (Boettger.) *Walter's Contia*.
Pseudocyclophis walteri. *Boulenger, Faun. Brit. Ind. Rept.* 1890, p 300
Contia walteri. *Boulenger, Cat. Vol. II,* 1894, p 263.
Distn.—*Transcaspia. Sind.* Kolustan.
Note.—I suspect the Sind specimen will prove to be *persicus*.
204. (Nil.) **Contia mcmahoni** Wall. *McMahon's Contia*.
Wall, Bomb. N. H. J. Vol. XX, p 1038.
Types.—In the Quetta Museum. From Baluchistan.
Length.—311 mm. (1 foot and $\frac{1}{4}$ of an inch.)
Lepid.—Costals. Two heads-lengths behind head 13, midbody 15, two heads-lengths before vent 13. Venturals. 204 to 212. Anal. Divided. Subcaudals. 91 to 96.
Distn.—*Baluchistan.* Quetta. Mach. Loralai. Spintangi.
Note.—I have seen four specimens.

(To be continued.)